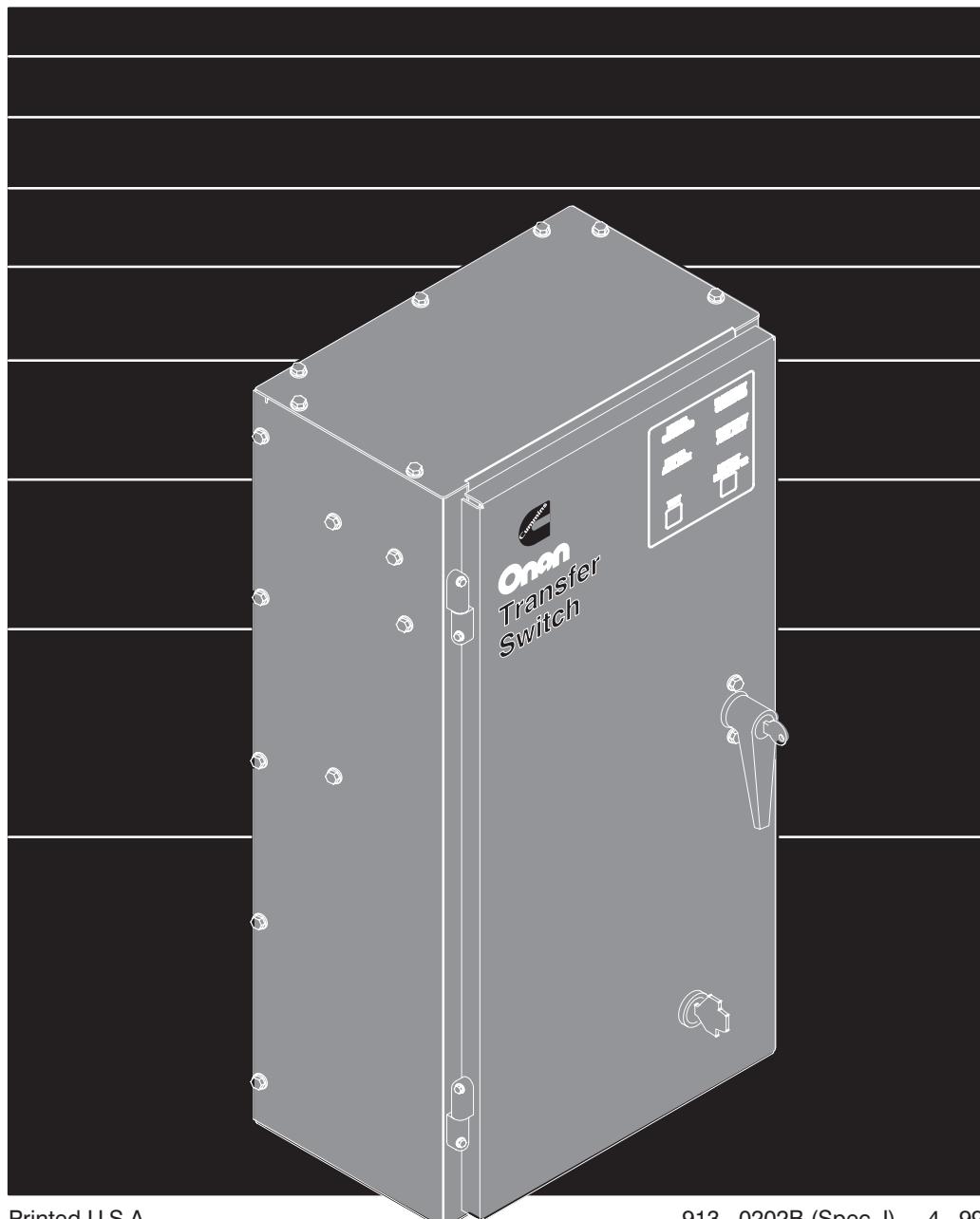




Parts Catalog

LT 30/60/100/150 Amp Transfer Switches



Printed U.S.A.

913-0202B (Spec J) 4-99
Replaces 913-0202 (Spec J) 11-96

MODEL IDENTIFICATION

To avoid errors or delay in filling your parts order, always give the MODEL, SPEC NO. and SERIAL NO. from the Onan nameplate.

For handy reference, insert your nameplate information in the spaces below.

MODEL AND SPEC NO.

SERIAL NO.

DIGITAL CONTROL SOFTWARE VERSION
AND DATE (IF APPLICABLE)

SAFETY PRECAUTIONS

The following symbols are used in Onan manuals to alert users to the potentially dangerous conditions relating to maintenance of equipment and replacement of parts. Please read and observe.

DANGER

This symbol warns of immediate hazards which will result in severe personal injury or death.

WARNING

This symbol refers to a hazard or unsafe practice which can result in severe personal injury or death.

CAUTION

This symbol refers to a hazard or unsafe practice which can result in severe personal injury or product or property damage.

PRODUCT SAFETY PRECAUTIONS

WARNING

Service and repair of Onan equipment must be performed by trained, experienced personnel only. Improper service or repair may result in property damage, severe personal injury or death. Do not use this catalog as a guide to servicing your equipment. Read and follow the IMPORTANT SAFETY INSTRUCTIONS in the Service Manual appropriate for the equipment you are working on.

WARNING

Contact with USED ENGINE OILS has been identified by a United States federal agency and some USA state agencies as causing CANCER or REPRODUCTIVE TOXICITY. When checking or changing engine oils take all necessary precautions not to ingest, breathe the fumes or contact the used oil.

WARNING

Contact with ASBESTOS has been identified by a United States federal agency and some USA state agencies as causing CANCER or REPRODUCTIVE TOXICITY. When handling engine gaskets take all necessary precautions not to ingest, breathe or contact the dust from the gaskets! Use adequate ventilation and wear protective gloves, masks and clothing!

WARNING

Contact with BENZINE and LEAD, found in gasoline, fuel additives and solvents has been identified by a United States federal agency and some USA state agencies as causing CANCER or REPRODUCTIVE TOXICITY. When checking, draining or adding gasoline and fuel additives or using solvents take all necessary precautions not to ingest, breathe the fumes or contact the liquids. Use adequate ventilation and wear protective gloves, masks and protective clothing!

Introduction

This catalog applies to the LT Spec J Transfer Switches as indicated below. Each illustrated part is identified by a reference number corresponding to the same reference number in the parts list for that group. Parts illustrations are typical. Using the model and spec number from the switch box nameplate, select the parts that apply to your automatic transfer switch. Unless otherwise noted in the parts description, parts are interchangeable between models.

New Modeling Style Starting January 1999

Transfer Switch Model/Spec	Amp
LTA	30/60
LTB	100
LTC	150

Feature Options

Code	Description
A005	Line Side Mechanically Held Generator Side Electrically Held
A007	Line Side Mechanically Held Generator Side Mechanically Held
A028	3-Pole Switch
A035	Utility to Generator Set Applications
A041	One Phase – 2 or 3 wire
A042	Three Phase – 3 or 4 Wire
A044	Frequency – 60 Hz
A045	Frequency – 50 Hz
A046	Listing – UL
A047	Certification – CSA
A048	Listing – Not Applicable
B001	Cabinet – Type 1
B004	Construction – Open
C021	Electronic Control – Package A
C022	Electronic Control – Package B
J027	Program Transition – 0.1 to 3.0 Seconds
J028	Program Transition – 0.1 to 30 Seconds
K001	Battery Charger – 2 Amp, 12/24V
K002	Battery Charger – 10 Amp, 12V
K003	Battery Charger – 10 Amp, 24V
M002	Module – 3-Wire Start
N014	Switch – Manual Override
R020	Voltage – 120
R021	Voltage – 208
R022	Voltage – 220
R023	Voltage – 240
R024	Voltage – 380
R025	Voltage – 416
R026	Voltage – 480
R027	Voltage – 600
R035	Voltage – 440
S049	Current Rating – 150 Amps
S061	Current Rating – 30 Amps
S062	Current Rating – 60 Amps
S063	Current Rating – 100 Amps

Index

Ammeter – AC – Cabinet – TGHAA, TGHAB Spec C, **15**
Ammeter – DC – 10 Amp, 12 Volt Battery Charger, **27**
Ammeter – DC – 10 Amp, 24 Volt Battery Charger, **29**
Ammeter – DC – 2 Amp, 12/24 Volt Battery Charger, **25**

Bar, Neutral – Cabinet – TGHAA, TGHAB Spec C, **15**
Bar, Neutral – Standard Cabinet, **11**
Bar, Neutral – Telecom Cabinet, **17**

Barrier, Foam – Cabinet – TGHAA, TGHAB Spec A, B, **13**
Barrier, Foam – Cabinet – TGHAA, TGHAB Spec C, **15**

Base, Mounting – Cabinet – TGHAA, TGHAB Spec C, **15**

Battery, Lead – Controls Communication Module, **21**

Block, Contact – Auxiliary – 100/150 Amp Transfer Switch, **9**

Block, Terminal – 2 to 3 Wire Convertor, **18**

Block, Terminal – Relay, **22**

Board, Printed Circuit – 10 Amp, 12 Volt Battery Charger, **27**

Board, Printed Circuit – 10 Amp, 24 Volt Battery Charger, **29**

Board, Printed Circuit – 2 Amp, 12/24 Volt Battery Charger, **25**

Board, Printed Circuit – 2 to 3 Wire Convertor, **18**

Board, Printed Circuit – Control, **20**

Box, Junction – Cabinet – TGHAA, TGHAB Spec A, B, **13**

Box, Junction – Cabinet – TGHAA, TGHAB Spec C, **15**

Bracket, Door – Cabinet – TGHAA, TGHAB Spec A, B, **13**

Bracket, Door – Cabinet – TGHAA, TGHAB Spec C, **15**

Bracket, End – 2 to 3 Wire Convertor, **18**

Bracket, Modem – Controls Communication Module, **21**

Bracket, Mounting – Network Gateway Module, **21**

Cabinet – Standard, **11**

Cabinet – Telecom, **17**

Cabinet – TGHAA, TGHAB Spec A, B, **13**

Cabinet – TGHAA, TGHAB Spec C, **15**

Chamber, Arc – 100/150 Amp Transfer Switch, **7**

Charger, Battery – 10 Amp, 12 Volt, **27**

Charger, Battery – 10 Amp, 24 Volt, **29**

Charger, Battery – 2 Amp, 12/24 Volt, **25**

Charger, Battery – Controls Communication Module, **21**

Coil, Electrically Held – 100/150 Amp Transfer Switch, **9**

Coil, Magnetically Held – 100/150 Amp Transfer Switch, **9**

Coil, Replacement – 30/60 Amp Transfer Switch, **5**

Connector, Liquidtite – Cabinet – TGHAA, TGHAB Spec A, B, **13**

Connector, Liquidtite – Cabinet – TGHAA, TGHAB Spec C, **15**

Contact Set, Replacement – 100/150 Amp Transfer Switch, **9**

Contact, Auxiliary – 100/150 Amp Transfer Switch, **9**

Contact, Auxiliary – 30/60 Amp Transfer Switch, **5**

Contactor – 100/150 Amp Transfer Switch, **7**

Contactor – 30/60 Amp Transfer Switch, **5**

Convertor, 2 to 3 Wire, **18**

Cover, Battery – Controls Communication Module, **21**

Cover, Battery Charger – Controls Communication Module, **21**

Cover, Charger – 10 Amp, 12 Volt Battery Charger, **27**

Cover, Charger – 10 Amp, 24 Volt Battery Charger, **29**

Cover, Charger – 2 Amp, 12/24 Volt Battery Charger, **25**

Cover, Control, **20**

Cover, Fuse – Cabinet – TGHAA, TGHAB Spec C, **15**

Cover, Meter – Cabinet – TGHAA, TGHAB Spec C, **15**

Cover, Start – 2 to 3 Wire Convertor, **18**

Door, Cabinet – Standard, **11**

Door, Cabinet – Telecom, **17**

Door, Cabinet – TGHAA, TGHAB Spec A, B, **13**

Door, Cabinet – TGHAA, TGHAB Spec C, **15**

Edging, Protective – Standard Cabinet, **11**

Endplate, Terminal – Relay, **22**

Fuse – 10 Amp, 12 Volt Battery Charger, **27**

Fuse – 10 Amp, 24 Volt Battery Charger, **29**

Fuse – 2 Amp, 12/24 Volt Battery Charger, **25**

Fuse – Cabinet – TGHAA, TGHAB Spec A, B, **13**

Fuse – Cabinet – TGHAA, TGHAB Spec C, **15**

Fuseblock – Cabinet – TGHAA, TGHAB Spec A, B, **13**

Fuseblock – Cabinet – TGHAA, TGHAB Spec C, **15**

Gasket, Door – Cabinet – TGHAA, TGHAB Spec A, B, **13**

Gasket, Door – Cabinet – TGHAA, TGHAB Spec C, **15**

Gasket, Door – Telecom Cabinet, **17**

Gasket, Meter Cover – Cabinet – TGHAA, TGHAB Spec C, **15**

Gateway – Controls Communication Module, **21**

Handle, Keyed – Telecom Cabinet, **17**

Handle, Locking – Standard Cabinet, **11**

Harness, Wiring – 10 Amp, 12 Volt Battery Charger, **27**

Harness, Wiring – 10 Amp, 24 Volt Battery Charger, **29**

Harness, Wiring – 2 Amp, 12/24 Volt Battery Charger, **25**

Harness, Wiring – 2 to 3 Wire Convertor, **18**

Harness, Wiring – Control, **20**

Harness, Wiring – Main – 100/150 Amp Transfer Switch, **9**

Harness, Wiring – Main – 30/60 Amp Transfer Switch, **5**

Harness, Wiring – Manual Override Switch, **19**

Hinge, Block – Standard Cabinet, **11**

Holder, Fuse – 10 Amp, 12 Volt Battery Charger, **27**

Holder, Fuse – 10 Amp, 24 Volt Battery Charger, **29**

Holder, Fuse – 2 Amp, 12/24 Volt Battery Charger, **25**

Interlock, Mechanical – 100/150 Amp Transfer Switch, **9**

Interlock, Mechanical – 30/60 Amp Transfer Switch, **5**

Jumper, Load – 30/60 Amp Transfer Switch, **5**

Key, Replacement – Manual Override Switch, **19**

Key, Replacement – Standard Cabinet, **11**

Key, Replacement – Telecom Cabinet, **17**

Kit – 10 Amp, 12 Volt Battery Charger, **27**

Kit – 10 Amp, 24 Volt Battery Charger, **29**

Kit – 2 Amp, 12/24 Volt Battery Charger, **25**

Kit – 2 to 3 Wire Convertor, **18**

Kit – Program Transition, **7**

Latch, Cam – Telecom Cabinet, **17**

Latch, Mechanical – 30/60 Amp Transfer Switch, **5**

Lug, Ground – Transformer – TGHAA, TGHAB Spec A, B, **13**

Lug, Solderless – 100/150 Amp Transfer Switch, **9**

Lug, Solderless – Cabinet – TGHAA, TGHAB Spec C, **15**

Lug, Solderless – Standard Cabinet, **11**

Lug, Solderless – Telecom Cabinet, **17**

Marker, Strip – Telecom Cabinet, **17**

Meter, Volt – TGHAA, TGHAB Spec C, **15**

Index

Modem, External – Controls Communication Module, **21**
Module, Controls Communication, **21**

Panel, Cabinet – Standard Cabinet, **11**
Panel, Membrane – Cabinet – TGHAA, TGHAB Spec C, **15**
Panel, Membrane – Standard Cabinet, **11**
Pedestal, Mounting – Telecom Cabinet, **17**
Plate, Adapter – Telecom Cabinet, **17**
Plate, Base – Cabinet – TGHAA, TGHAB Spec A, B, **13**
Plate, End – 2 to 3 Wire Convertor, **18**
Plate, Fuseblock – Cabinet – TGHAA, TGHAB Spec A, B, **13**
Plate, Relay Mounting, **22**
Plate, Terminal Ground – Cabinet – TGHAA, TGHAB Spec C, **15**
Plug, Hole – Cabinet – TGHAA, TGHAB Spec A, B, **13**
Plug, Hole – Cabinet – TGHAA, TGHAB Spec C, **15**
Plug, Hole – Standard Cabinet, **11**
Plug, Hole – Telecom Cabinet, **17**

Rail, Terminal – 2 to 3 Wire Convertor, **18**
Rail, Terminal – Relay, **22**
Rectifier, Bridge – 10 Amp, 12 Volt Battery Charger, **27**
Rectifier, Bridge – 10 Amp, 24 Volt Battery Charger, **29**
Rectifier, Gate – 10 Amp, 12 Volt Battery Charger, **27**
Rectifier, Gate – 10 Amp, 24 Volt Battery Charger, **29**
Relay, **22**

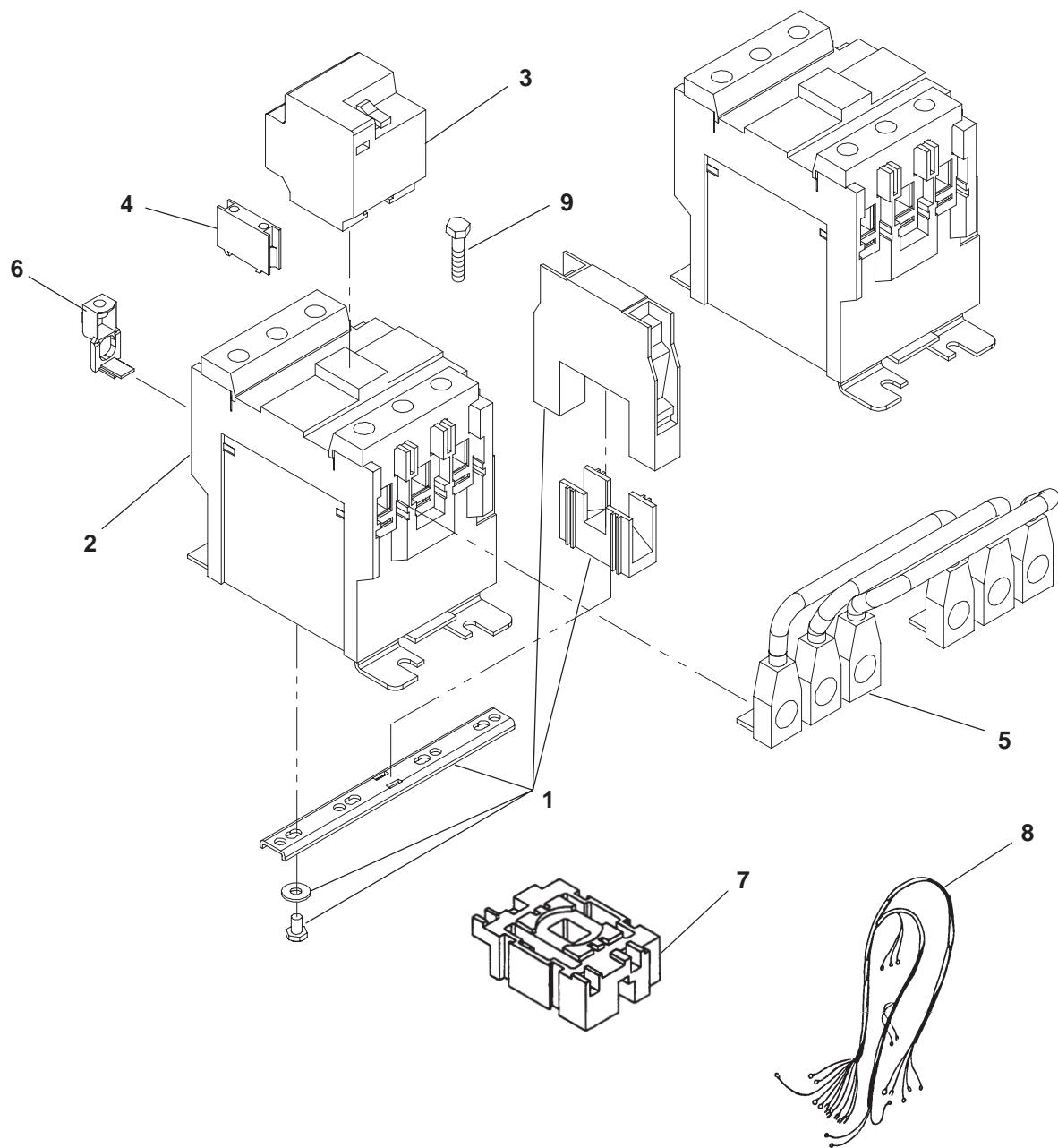
Relay – Control, **20**
Resistor, Fixed – 2 Amp, 12/24 Volt Battery Charger, **25**

Shield, Meter – Cabinet – TGHAA, TGHAB Spec C, **15**
Spring, Conical – Cabinet – TGHAA, TGHAB Spec A, B, **13**
Spring, Conical – Cabinet – TGHAA, TGHAB Spec C, **15**
Spring, Holddown – Control, **20**
Standoff, Insulator – Cabinet – TGHAA, TGHAB Spec C, **15**
Standoff, Insulator – Standard Cabinet, **11**
Standoff, Insulator – Telecom Cabinet, **17**
Switch, Manual Override, **19**

Terminal, Solderless – Standard Cabinet, **11**
Tongue, Latch – Standard Cabinet, **11**
Transfer Switch Assembly – 100/150 Amp, **7**
Transfer Switch Assembly – 30/60 Amp, **5**
Transformer – 10 Amp, 12 Volt Battery Charger, **27**
Transformer – 10 Amp, 24 Volt Battery Charger, **29**
Transformer – 2 Amp, 12/24 Volt Battery Charger, **25**
Transformer – Battery Charger – Controls Communication Module, **21**
Transformer – Standard Cabinet, **11**
Transformer, Current – TGHAA, TGHAB Spec C, **23**

Wrapper, Charger – 10 Amp, 12 Volt Battery Charger, **27**
Wrapper, Charger – 10 Amp, 24 Volt Battery Charger, **29**
Wrapper, Charger – 2 Amp, 12/24 Volt Battery Charger, **25**

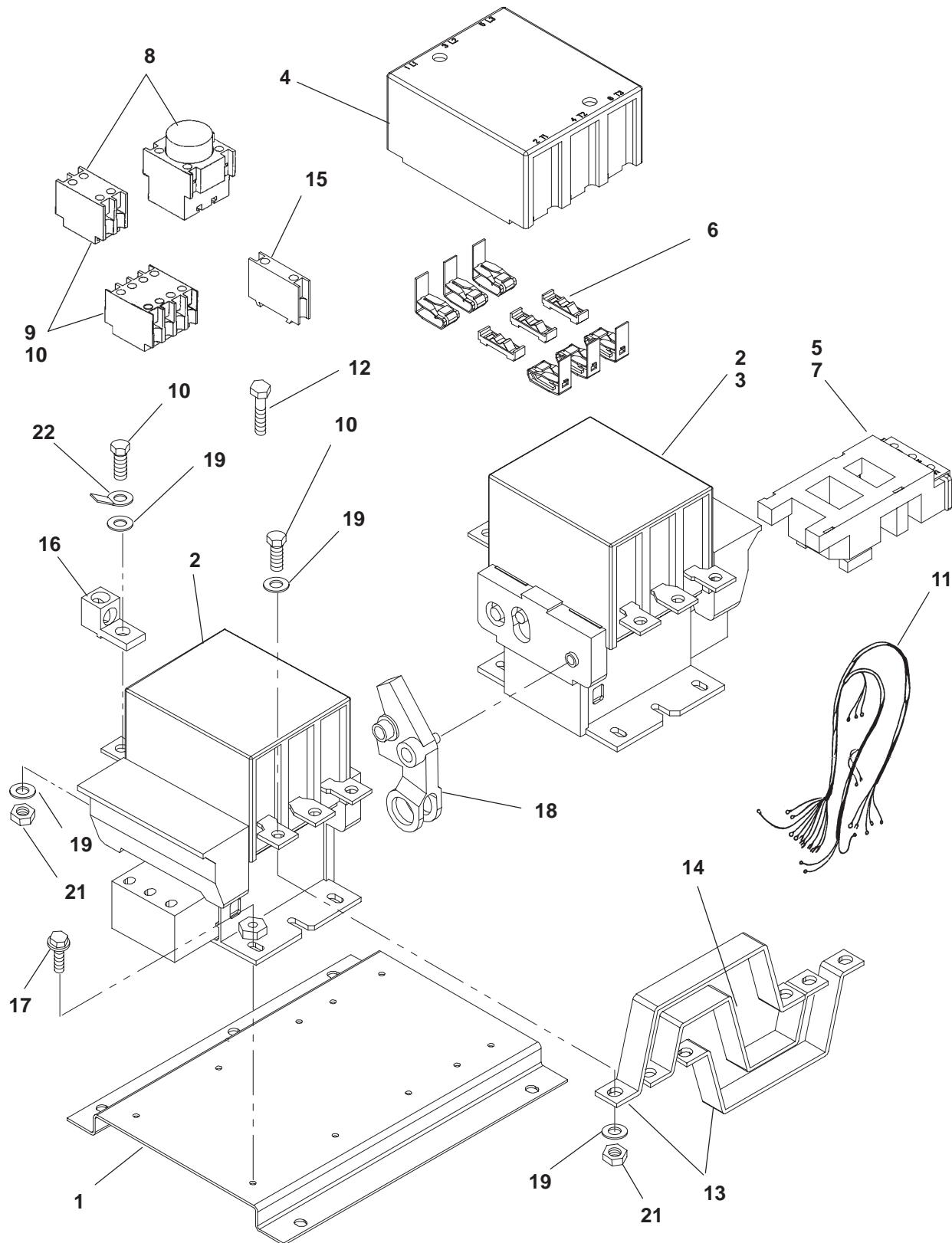
Transfer Switch
30 – 60 Amp



Transfer Switch
30 – 60 Amp

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Transfer Switch Assembly	3			Latch, Mechanical
			30 Amp				30 Amp
	306-4277-01	1	120 VAC – 60 Hz.		306-4335-01	1	120 VAC
	306-4277-02	1	208 VAC – 60 Hz.		306-4335-02	1	208 VAC
	306-4277-03	1	220 VAC – 50/60 Hz.		306-4335-03	1	220, 240 VAC
	306-4277-04	1	240 VAC – 50/60 Hz.		306-4335-04	1	380, 415 VAC
	306-4277-05	1	380 VAC – 50/60 Hz.		306-4335-05	1	440, 480 VAC
	306-4277-06	1	415 VAC – 50/60 Hz.		306-4335-06	1	600 VAC
	306-4277-07	1	440 VAC – 50/60 Hz.		306-4335-11	1	60 Amp
	306-4277-08	1	480 VAC – 60 Hz.		306-4335-12	1	120 VAC
	306-4277-09	1	600 VAC – 60 Hz.		306-4335-13	1	208 VAC
			60 Amp		306-4335-14	1	220, 240 VAC
	306-4278-01	1	120 VAC – 60 Hz.		306-4335-15	1	380, 415 VAC
	306-4278-02	1	208 VAC – 60 Hz.		306-4335-16	1	440, 480 VAC
	306-4278-03	1	220 VAC – 50/60 Hz.	4	306-4284-02 A/R		600 VAC
	306-4278-04	1	240 VAC – 50/60 Hz.	5	306-4284-02 A/R		Contact, Auxiliary
	306-4278-05	1	380 VAC – 50/60 Hz.	5	306-4329	1	Jumper, Load
	306-4278-06	1	415 VAC – 50/60 Hz.	5	306-4327	1	30 Amp
	306-4278-07	1	440 VAC – 50/60 Hz.	6	306-4330	5	60 Amp
	306-4278-08	1	480 VAC – 60 Hz.	6	306-4331	5	Terminal, Tap – Control
	306-4278-09	1	600 VAC – 60 Hz.	7	306-4311-01	2	30 Amp
1	306-4279	1	Interlock, Mechanical	7	306-4311-02	2	60 Amp
2			Contactor	7	306-4311-03	2	Coil, Replacement
			30 Amp	7	306-4311-04	2	120 VAC – 60 Hz.
	306-4326-01	2	120 VAC – 60 Hz.	7	306-4311-05	2	208 VAC – 60 Hz.
	306-4326-02	2	208 VAC – 60 Hz.	7	306-4311-06	2	220 VAC – 50/60 Hz.
	306-4326-03	2	220 VAC – 50/60 Hz.	7	306-4311-07	2	240 VAC – 50/60 Hz.
	306-4326-04	2	240 VAC – 50/60 Hz.	7	306-4311-08	2	380 VAC – 50/60 Hz.
	306-4326-05	2	380 VAC – 50/60 Hz.	7	306-4311-09	2	415 VAC – 50/60 Hz.
	306-4326-06	2	415 VAC – 50/60 Hz.	8	306-4311-01	2	440 VAC – 50/60 Hz.
	306-4326-07	2	440 VAC – 50/60 Hz.	8	306-4311-02	2	480 VAC – 60 Hz.
	306-4326-08	2	480 VAC – 60 Hz.	8	306-4311-03	2	600 VAC – 60 Hz.
	306-4326-09	2	600 VAC – 60 Hz.	8	306-4311-04	2	Harness, Wiring – Main
			60 Amp	8	306-4311-05	2	Type 1 Cabinet (B001)
	306-4325-01	2	120 VAC – 60 Hz.	8	306-4311-06	2	Mechanically Held Both
	306-4325-02	2	208 VAC – 60 Hz.	8	306-4311-07	2	Sides (A007)
	306-4325-03	2	220 VAC – 50/60 Hz.	8	306-4311-08	2	Mechanically Held Line Side
	306-4325-04	2	240 VAC – 50/60 Hz.	8	306-4311-09	2	(A005)
	306-4325-05	2	380 VAC – 50/60 Hz.	9	338-3655	1	Open Construction (B004)
	306-4325-06	2	415 VAC – 50/60 Hz.	9	338-3656	1	Mechanically Held Both
	306-4325-07	2	440 VAC – 50/60 Hz.	9	338-3657	1	Sides (A007)
	306-4325-08	2	480 VAC – 60 Hz.	9	338-3658	1	Mechanically Held Line Side
	306-4325-09	2	600 VAC – 60 Hz.	9	815-0194	6	(A005)
				9			Screw, Hex Head – Thread
				9			Forming (#10-32 x .375)

**Transfer Switch
100 – 150 Amp**

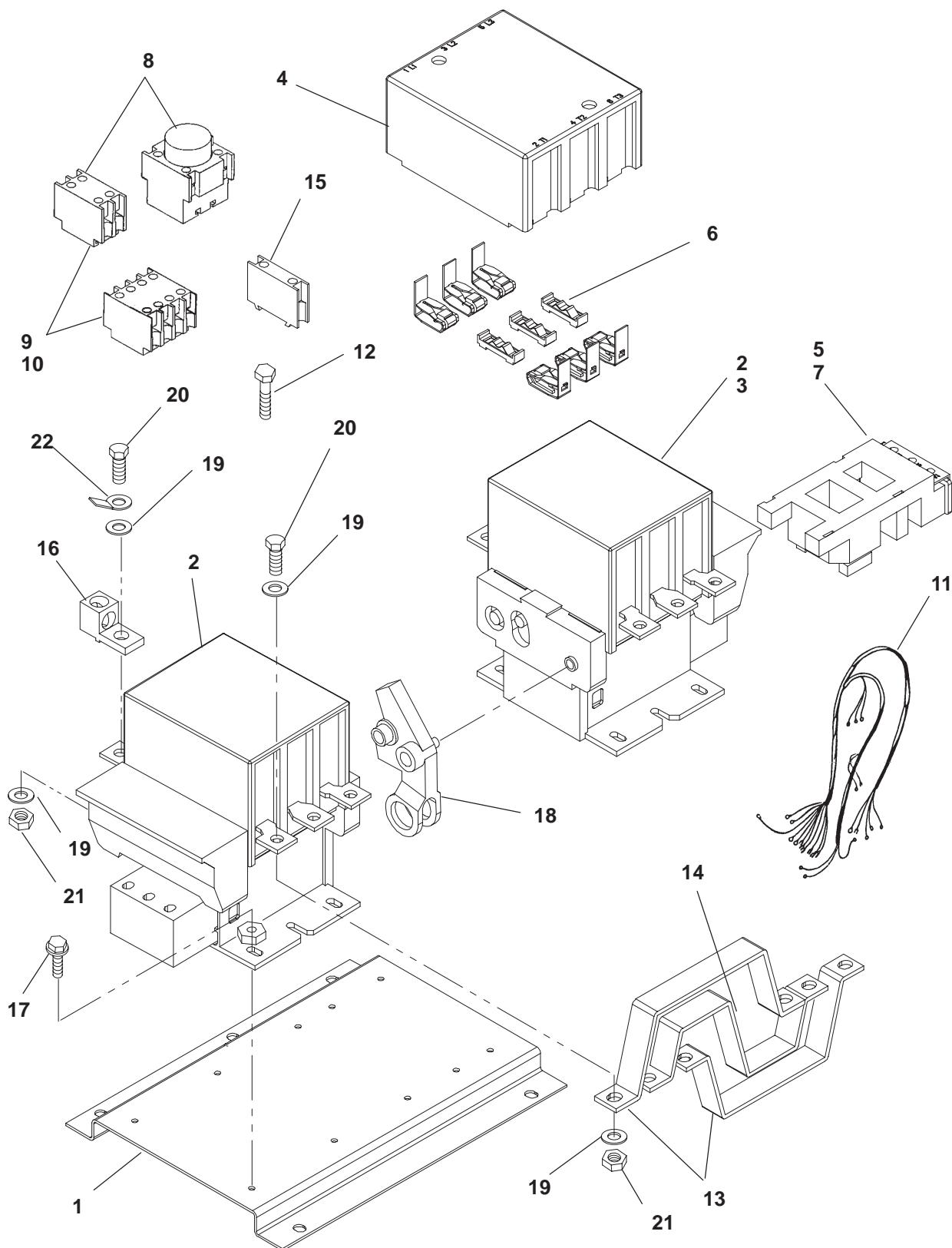


Transfer Switch
100 – 150 Amp

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Transfer Switch Assembly	2			Contactor – Mechanically Held Line or Generator Side (A005/A007)
			100 Amp				100 Amp
			Line Side Mechanically Held – Generator Side				120 VAC – 50/60 Hz.
			Electrically Held (A005)				208 VAC – 50/60 Hz.
306-4318-01	1		120 VAC – 50/60 Hz.	306-4313-01	1		220 VAC – 50/60 Hz.
306-4318-02	1		208 VAC – 50/60 Hz.	306-4313-03	1		240 VAC – 50/60 Hz.
306-4318-03	1		220 VAC – 50 Hz.	306-4313-04	1		380 VAC – 50/60 Hz.
306-4318-04	1		220 VAC – 60 Hz.	306-4313-05	1		415 VAC – 50/60 Hz.
306-4318-05	1		240/440 VAC – 50 Hz.	306-4313-06	1		440 VAC – 50 Hz.
306-4318-06	1		240/480/600 VAC – 60 Hz.	306-4313-04	1		480 VAC – 50/60 Hz.
306-4318-07	1		380 VAC – 50 Hz.	306-4313-07	1		600 VAC – 60 Hz.
306-4318-09	1		380 VAC – 60 Hz.	306-4313-04	1		
306-4318-10	1		415 VAC – 50/60 Hz.	306-4314-01	1		
			Both Sides Mechanically Held (A007)	306-4314-03	1		
306-4317-01	1		120 VAC – 50/60 Hz.	306-4314-04	1		
306-4317-03	1		208/220 VAC – 50/60 Hz.	306-4314-05	1		
306-4317-04	1		240/440/480/600 VAC – 50/60 Hz.	306-4314-06	1		
306-4317-05	1		380 VAC – 50/60 Hz.	306-4314-04	1		
306-4317-06	1		415 VAC – 50/60 Hz.	3			Contactor – Electrically Held Generator Side Only (A005)
			150 Amp				100 Amp
			Line Side Mechanically Held – Generator Side	306-4313-08	1		120 VAC – 50/60 Hz.
			Electrically Held (A005)	306-4313-09	1		208 VAC – 50/60 Hz.
306-4320-01	1		120 VAC – 50/60 Hz.	306-4313-10	1		220 VAC – 50 Hz.
306-4320-02	1		208 VAC – 50/60 Hz.	306-4313-11	1		220 VAC – 60 Hz.
306-4320-03	1		220 VAC – 50 Hz.	306-4313-12	1		240/440 VAC – 50 Hz.
306-4320-04	1		220 VAC – 60 Hz.	306-4313-13	1		240/480/600 VAC – 60 Hz.
306-4320-05	1		240/440 VAC – 50 Hz.	306-4313-14	1		380 VAC – 50 Hz.
306-4320-06	1		240/480/600 VAC – 60 Hz.	306-4313-15	1		380 VAC – 60 Hz.
306-4320-07	1		380 VAC – 50 Hz.	306-4313-16	1		415 VAC – 50/60 Hz.
306-4320-09	1		380 VAC – 60 Hz.	306-4314-08	1		150 Amp
306-4320-10	1		415 VAC – 50/60 Hz.	306-4314-09	1		120 VAC – 50/60 Hz.
			Both Sides Mechanically Held (A007)	306-4314-10	1		208 VAC – 50/60 Hz.
306-4319-01	1		120 VAC – 50/60 Hz.	306-4314-11	1		220 VAC – 50 Hz.
306-4319-03	1		208/220 VAC – 50/60 Hz.	306-4314-12	1		220 VAC – 60 Hz.
306-4319-04	1		240/440/480/600 VAC – 50/60 Hz.	306-4314-13	1		240/440 VAC – 50 Hz.
306-4319-05	1		380 VAC – 50/60 Hz.	306-4314-14	1		240/480/600 VAC – 60 Hz.
306-4319-06	1		415 VAC – 50/60 Hz.	306-4314-15	1		380 VAC – 50 Hz.
			Kit, Program Transition	306-4314-16	1		380 VAC – 60 Hz.
300-4965-01	1		.1 – 3.0 Second Delay	4			415 VAC – 50/60 Hz.
300-4965-02	1		.1 – 30 Second Delay	306-4290-01	2		Chamber, Arc
1 306-4281	1		Base, Transfer Switch	306-4290-02	2		100 Amp
							150 Amp

Continued...

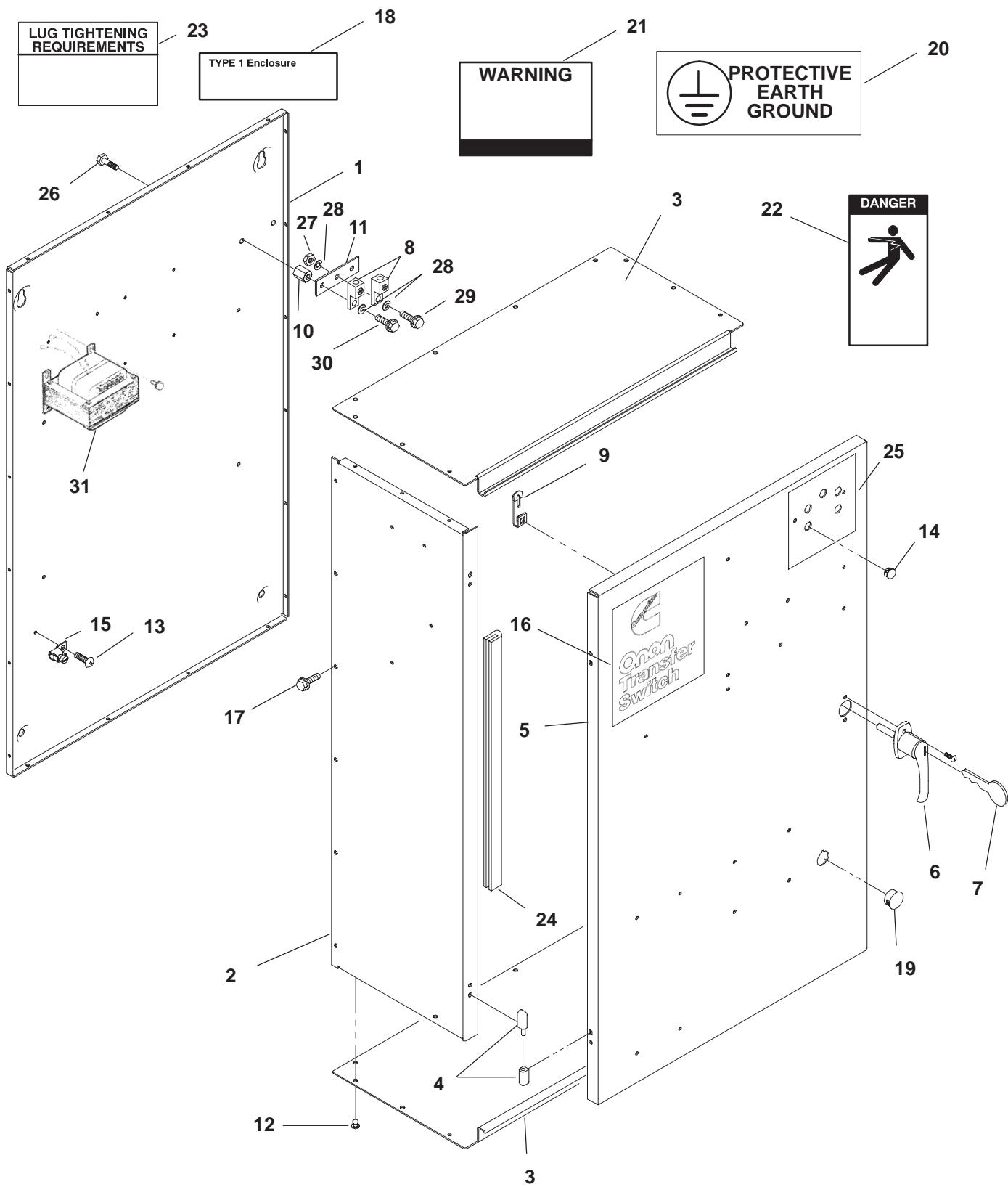
Transfer Switch
100 – 150 Amp



Transfer Switch
100 – 150 Amp

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
Continued...							
5			Coil, Electrically Held Generator Side Only (A005)	9	306-4284-05	1	Block, Contact – Auxiliary 120 – 415 VAC
			100 Amp	10	306-4284-04	1	440 – 600 VAC
	306-4273-01	2	120 VAC – 50/60 Hz.		306-4284-05	1	Block, Contact – Auxiliary 120 – 415 VAC – Both Sides Held
	306-4273-02	2	208 VAC – 60 Hz.		306-4284-04	1	120 – 415 VAC – Line Side Held
	306-4273-03	2	220 VAC – 50 Hz.		306-4284-04	1	440 – 600 VAC
	306-4273-04	2	220 VAC – 60 Hz.		11		Harness, Wiring – Main 120 – 415 VAC
	306-4273-05	2	240/440 VAC – 50 Hz.		338-3321	1	Mechanically Held Both Sides (A007)
	306-4273-06	2	240/480/600 VAC – 60 Hz.		338-3447	1	Mechanically Held Line Side (A005)
	306-4273-07	2	380 VAC – 50 Hz.		338-3584	1	Mechanically Held Line Side (A005) – Open Construction (B004)
	306-4273-08	2	380 VAC – 60 Hz.		338-3585	1	Mechanically Held Both Sides (A005) – Open Construction (B004)
	306-4273-09	2	415 VAC – 50 Hz.		338-3341	1	440 – 600 VAC
	306-4274-01	2	100 Amp		338-3590	1	Type 1 Cabinet (B001) Open Construction (B004)
	306-4274-02	2	120 VAC – 50/60 Hz.		12	815-0194	Screw, Hex Head – Thread Forming (#10-32 x .375)
	306-4274-03	2	208 VAC – 60 Hz.		13		Bus Bar – A & C Jumper
	306-4274-04	2	220 VAC – 50 Hz.		14	337-2960-01	100 Amp
	306-4274-05	2	220 VAC – 60 Hz.		14	337-2960-02	150 Amp
	306-4274-06	2	240/440 VAC – 50 Hz.		15	306-4284-02	Bus Bar – B Jumper
	306-4274-07	2	240/480/600 VAC – 60 Hz.		16	337-2961-01	100 Amp
	306-4274-08	2	380 VAC – 50 Hz.		16	337-2961-02	150 Amp
	306-4274-09	2	380 VAC – 60 Hz.		17	306-4284-02	Contact, Auxiliary Lug, Solderless
6			415 VAC – 50 Hz.		17	332-3514-01	100 Amp
	306-4283-01	1	Contact Set, Replacement		17	332-3492-01	150 Amp
	306-4283-02	1	100 Amp		18	815-0652	Screw, Hex Head Slotted (#10-32)
7			150 Amp		18		Interlock, Mechanical
			Coil, Mechanically Held Line or Generator Side (A005/A007)		19	306-4312-01	100 Amp
			100 Amp		19	306-4312-02	150 Amp
	306-4285-01	2	120 VAC – 50/60 Hz.		20	851-0028	Washer, Spring (5/16)
	306-4285-03	2	208/220 VAC – 50/60 Hz.		20	800-0028	Screw, Cap – Hex Head (5/16-20 x 1)
	306-4285-04	2	240/440/480/600 VAC – 50/60 Hz.		21	862-0015	Nut, Hex (5/16)
	306-4285-05	2	380 VAC – 50/60 Hz.		22	332-2463	Terminal, Ring
	306-4285-06	2	415 VAC – 50/60 Hz.				
	306-4286-01	2	150 Amp				
	306-4286-03	2	120 VAC – 50/60 Hz.				
	306-4286-04	2	208/220 VAC – 50/60 Hz.				
	306-4286-05	2	240/440/480/600 VAC – 50/60 Hz.				
	306-4286-06	2	380 VAC – 50/60 Hz.				
8			415 VAC – 50/60 Hz.				
			Block, Contact – Auxiliary W/O Programmed Transition				
	306-4284-03	1	.1 – 3.0 Programmed Transition (J027)				
	306-4284-07	1	.1 – 30 Programmed Transition (J028)				
	306-4284-08	1					

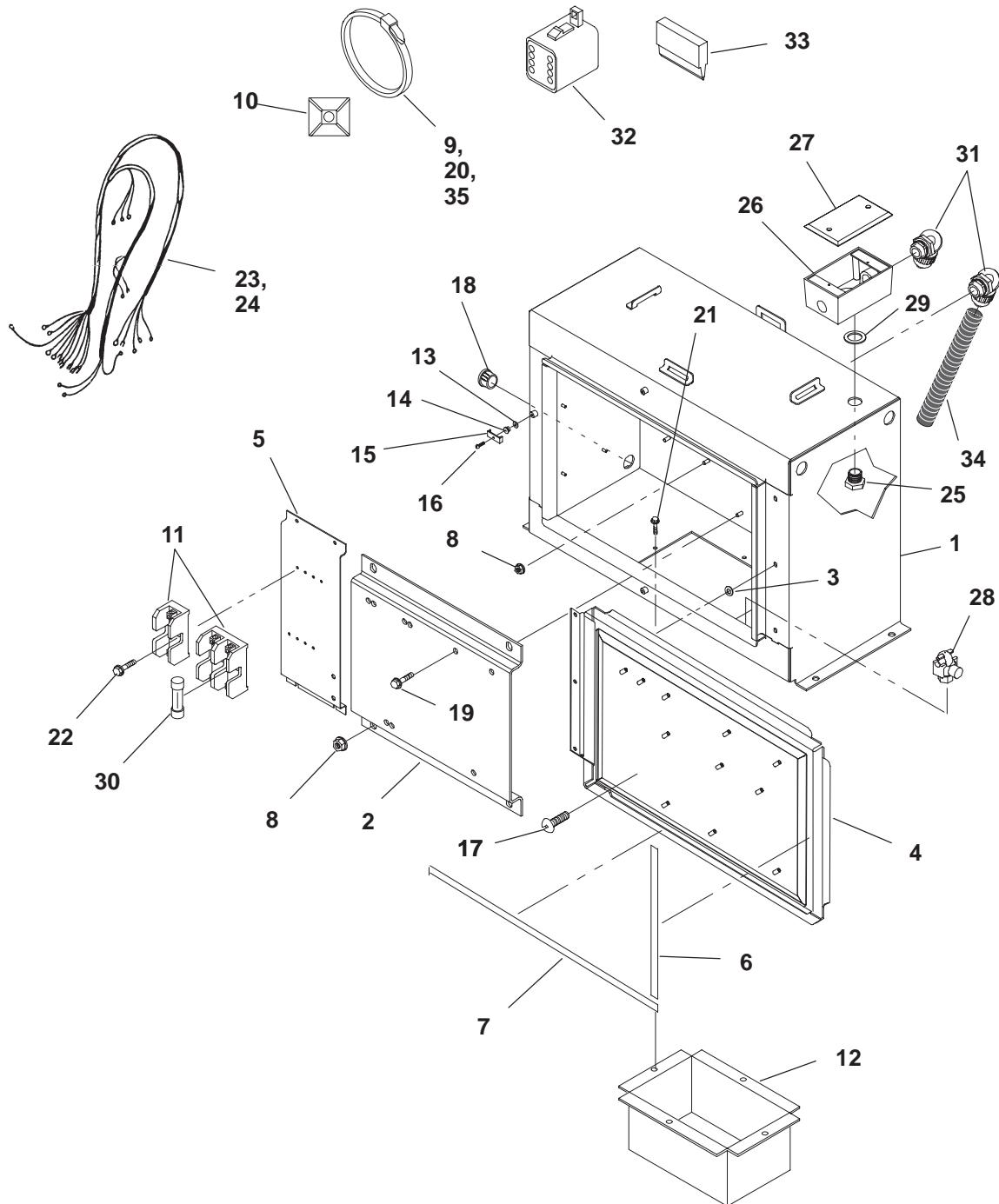
Cabinet Standard



Cabinet Standard

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-2792	1	Panel, Back	18	098-6118	1	Label, Cabinet
2	319-2730	2	Panel, Side	19	517-0137	1	Plug, Hole
3	319-2790	2	Panel, Top and Bottom	20	098-6635	1	Label, Ground
4	406-0810	2	Hinge, Block	21	098-5777-01	1	Label, Warning
5	319-2794	1	Door, Control Box	22	098-5387	2	Label, Danger
6	406-0809	1	Handle, Locking	23	098-6367	1	Label, Torque
7	406-0565	1	Key, Replacement	24	508-1045	1	Edging, Protective
8			Lug, Solderless	25	300-4809	1	Panel, Membrane (Control Package B)
	332-3514-01	3	30/60/100 Amp	26	800-0002	2	Screw, Cap – Hex Head (1/4-20 x 3/8)
	332-3492-01	3	150 Amp	27	862-0001	1	Nut, Hex (1/4-20)
9	406-0089	1	Tongue, Latch	28	851-0027	4	Washer, Lock – Spring (1/4)
10	332-2370	2	Standoff, Insulator	29	800-0007	1	Screw, Cap – Hex Head (1/4-20 x 1.00)
11	337-2317	1	Bar, Neutral	30	800-0005	2	Screw, Cap – Hex Head (1/4-20 x 3/4)
12	818-0217-01	28	Rivet	31			Transformer
13	815-0389	1	Screw, Hex Washer Head – Thread Forming (1/4-20 x .375)		315-0787-01	2	480/600 VAC
14	517-0133	5	Plug, Hole (Control Package A)		315-0789-01	2	440 VAC
15	332-0142	1	Terminal, Solderless				
16	098-7172	1	Label, Onan Logo				
17	815-0903-03	4	Screw, Cap – Hex Head (#10-32 x .50)				

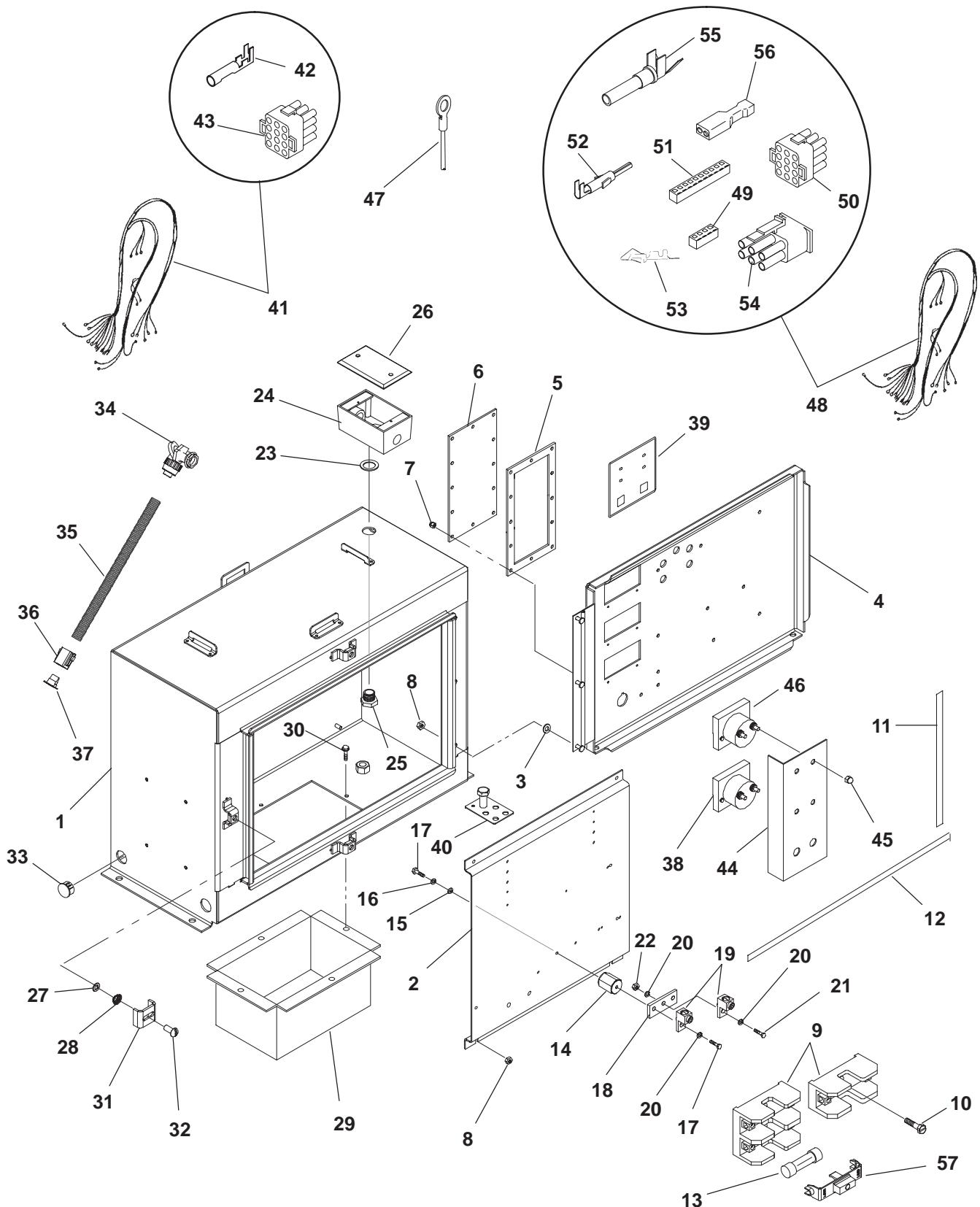
**Cabinet
TGHAA, TGHAB
Spec A, B**



Cabinet
TGHAA, TGHAB
Spec A, B

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-3085	1	Cabinet	21	815-0389	4	Screw, Hex Washer Head – Thread Forming (1/4-20 x .375)
2	319-3173	1	Plate, Base	22			Screw, Hex Head – Slotted (#10-32 x .50)
3	508-0233	3	Washer, Rubber	815-0652	8	30 Amp	
4	319-3089	1	Door, Cabinet	815-0652	4	60 Amp	
5	319-3092	1	Plate, Fuseblock	23	338-3567	1	Harness, Control
6	895-0376-01	2	Gasket, Door	24	338-3659	1	Harness, Main
7	895-0376-02	2	Gasket, Door	338-3566	1	30 Amp	
8	870-0131	12	Nut, Hex – W/ET (#10-32)	25	331-0558	1	60 Amp
9	332-2877	1	Tie, Cable (8.0")	26	330-0147-01	1	Bushing, Threaded
10	332-2420	3	Mount, Tie – Cable	27	330-0148	1	Box, Junction
11			Fuseblock – Class J	28	332-3510	1	Cover, Blank
	321-0356-02	2	30 Amp	29	509-0180	1	Lug, Ground – Transformer
	321-0356-04	2	60 Amp	30	321-0355-01	4	O-Ring
12	319-3093	1	Barrier, Foam	321-0355-03	2	Fuse, JKS	
13	526-0022	3	Washer, Flat (5/16)	31	331-0559	2	30 Amp
14	406-0519	3	Spring, Conical	32	323-1541	1	60 Amp
15	301-6727	3	Bracket, Door	33	323-1543	1	Connector, Liquidtite
16	812-0177	3	Screw, Machine – Round Head (5/16-18 x 3/4)	34	898-1195-08 A/R	1	Plug, 8 Pin
17	815-0902	11	Screw, Pan Head – Cross Recessed (#6-32 x .375)	35	332-0942	A/R	Wedge, Plug – 8 Pin
18	517-0266	4	Plug, Hole				Sleeving, Convoluted
19	815-0194	12	Screw, Hex Head – Thread Cutting (#10-32 x .375)				Tie, Cable (3.62")
20	332-0941	1	Tie, Cable (7.31")				

Cabinet
TGHAA, TGHAB
Spec C



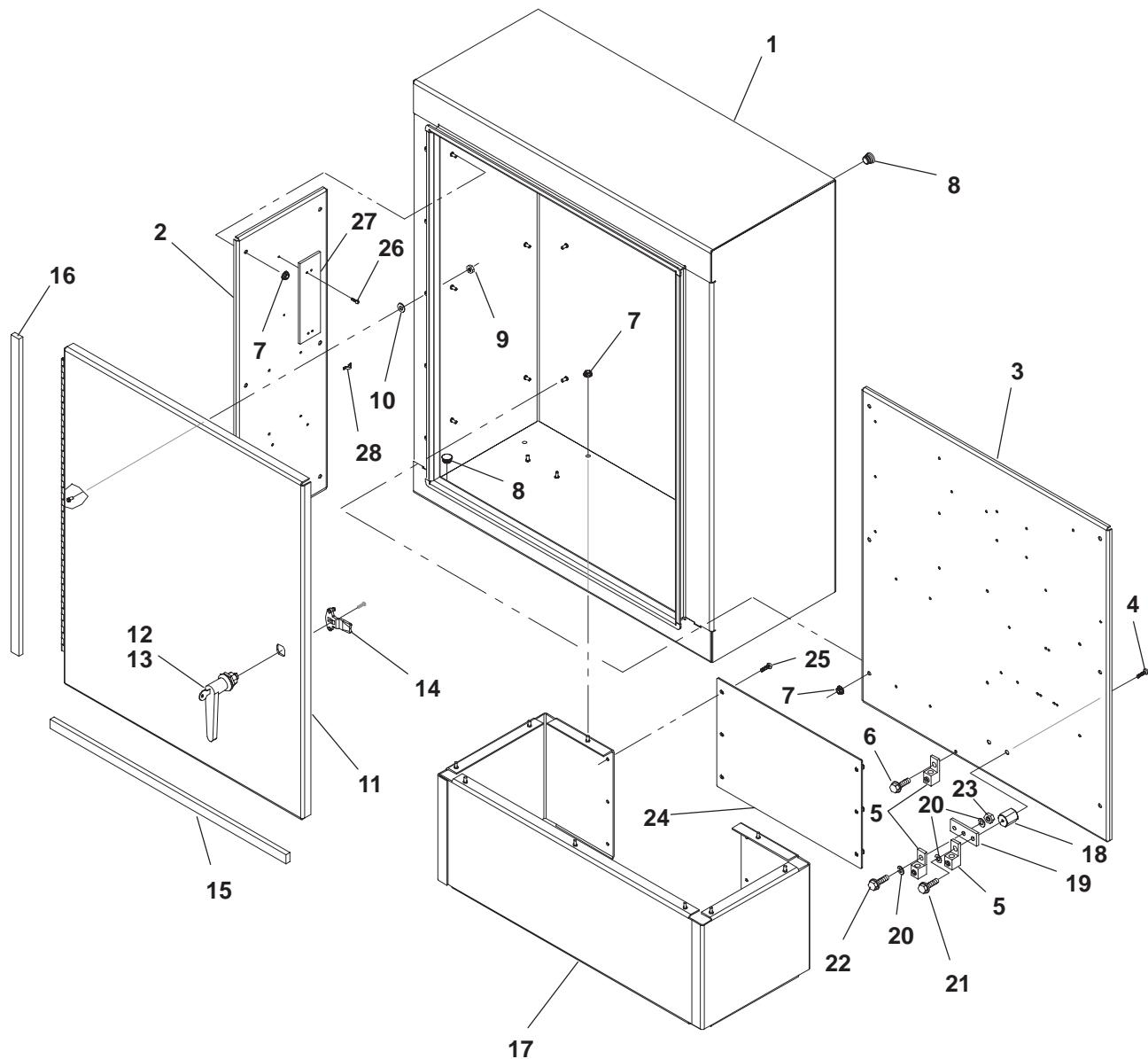
Cabinet
TGHAA, TGHAB
Spec C

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-3590-02	1	Box, Control	32	812-0177	3	Screw, Machine – Round Head (5/16-18 x 3/4)
2	319-3609-02	1	Base, Mounting	33	517-0266	5	Plug, Hole
3	508-0233	3	Washer, Rubber	34	331-0559	1	Connector, Liquidtite
4			Door, Control Cabinet	35	898-1195-08 A/R		Sleeving, Convoluted
	319-3089-01	1	Standard	36	323-1541	1	Plug (8 Pin)
	319-3458-04	1	2 Meters	37	323-1543	1	Plug, Wedge (8 Pin)
	319-3458-03	1	3 Meters	38			Ammeter – AC
5	319-3588	1	Gasket, Meter Cover				30 Amp
6	319-3587	1	Cover, Meter				60 Amp
7	870-0386	12	Nut, Acorn – With Meters (#8-32)	39	300-4809	1	Panel, Membrane
8	870-0131	11	Nut, Hex (#10-32)	40	319-3658-02	1	Plate, Terminal Ground
9			Fuseblock – Class J	41	338-3567	1	Harness, Wiring – Control (Includes Parts Marked *)
	321-0356-02	2	30 Amp	42	323-1200	9	* Socket, Contact
	321-0356-04	2	60 Amp	43	323-1315	1	* Cap, Connector (12 Place (J1))
10	815-0652	4	Screw, Hex Head – Slotted – Thread Forming (#10-32 x 1/2")	44	306-3464	1	Shield, Meter
11	895-0376-01	2	Gasket, Door	45	870-0439	6	Nut, Acorn – With Meters (1/4-28)
12	895-0376-02	2	Gasket, Door	46			Meter, Volt
13			Fuse, JKS				240 VAC
	321-0355-01	4	30 Amp				120 VAC
	321-0355-03	2	60 Amp	47			Lead
14	332-2370	2	Standoff, Insulator				Marked F1-1 — K1-L1
15	526-0018	2	Washer, Flat (1/4")				Marked F2-1 — K2-L1
16	850-0040	2	Washer, Lock (1/4")				Marked F3-1 — K1-L3
17	800-0002	2	Screw, Cap – Hex Head (1/4-20 x .375)				Marked F4-1 — K2-L3
18	337-2317	1	Bar, Neutral	48	338-3789	1	Harness, Wiring – Main (Includes Parts Marked #)
19	332-3514-01	3	Lug, Solderless	49	323-1374-04	1	# Housing, Connector (4 Pin (P3))
20	851-0027	4	Washer, Spring (1/4)	50	323-1314	1	# Plug, Connector (12 Pin) (P1)
21	800-0007	1	Screw, Cap – Hex Head (1/4-20 x 1)	51	323-1374-10	1	# Housing, PCB (10 Pin) (P4)
22	862-0001	1	Nut, Hex (1/4-20)	52	323-1199	13	# Pin, Contact (P6)
23	509-0346	1	O-Ring	53	323-1302	11	# Pin, Contact (P4)
24	330-0147-01	1	Box, Junction	54	323-1317	1	# Plug (6 Pin) (P6)
25	331-0558	1	Bushing, Threaded (1/2-14)	55	323-1492	7	# Socket, Contact (P8)
26	330-0148	1	Cover, Blank	56	332-2431	1	# Socket, Electrical (J7)
27	526-0022	3	Washer, Flat (5/16")	57			Cover, Fuse
28	406-0519	3	Spring, Conical				30 Amp
29	319-3093	1	Barrier, Foam				60 Amp
30	815-0389	4	Screw, Hex Washer Head – Thread Forming (1/4-20 x .375)				
31	301-6727	3	Bracket, Door				

* – Parts Included in 338-3567 Wiring Harness

– Parts Included in 338-3789 Wiring Harness

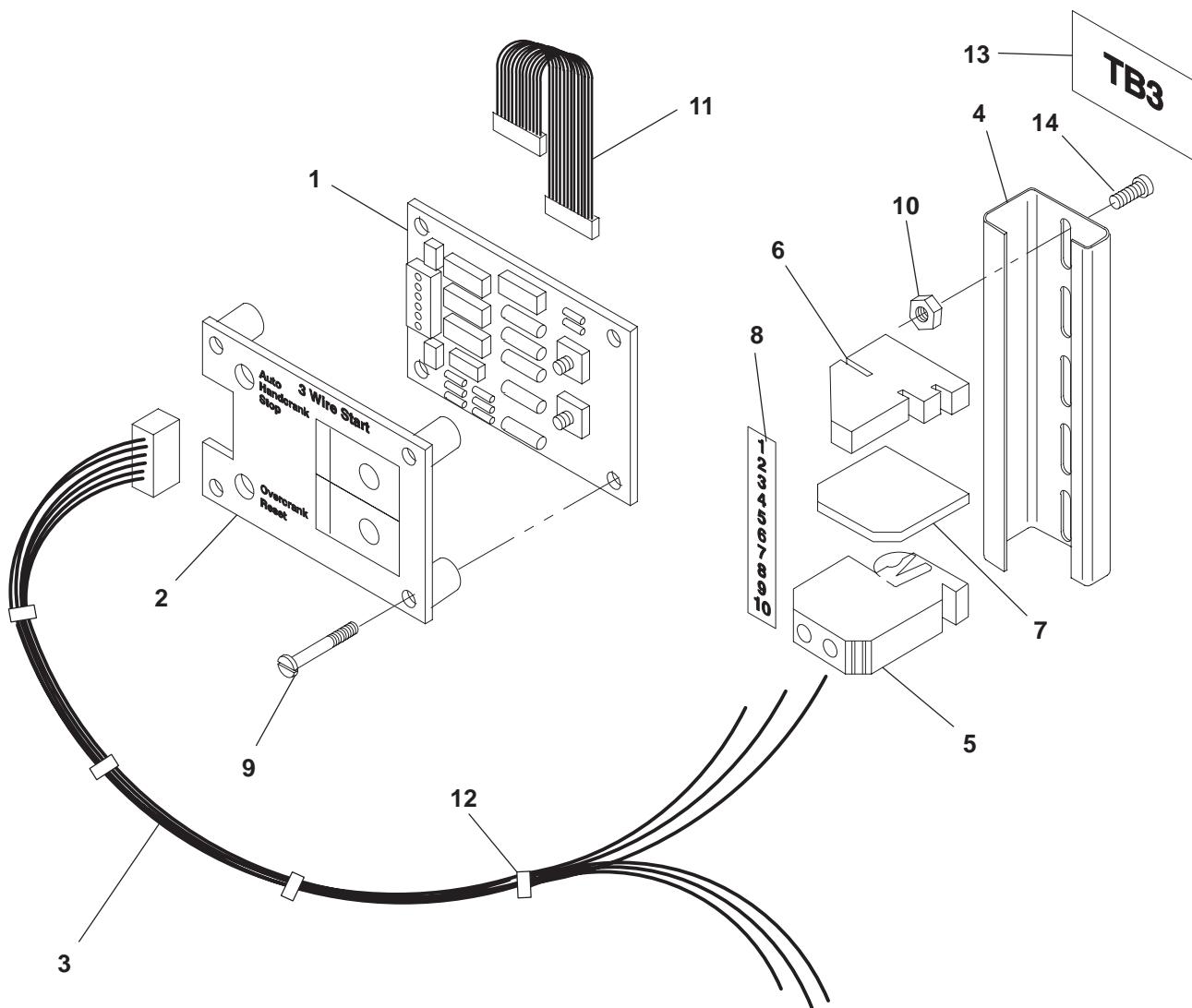
Cabinet Telecom



**Cabinet
Telecom**

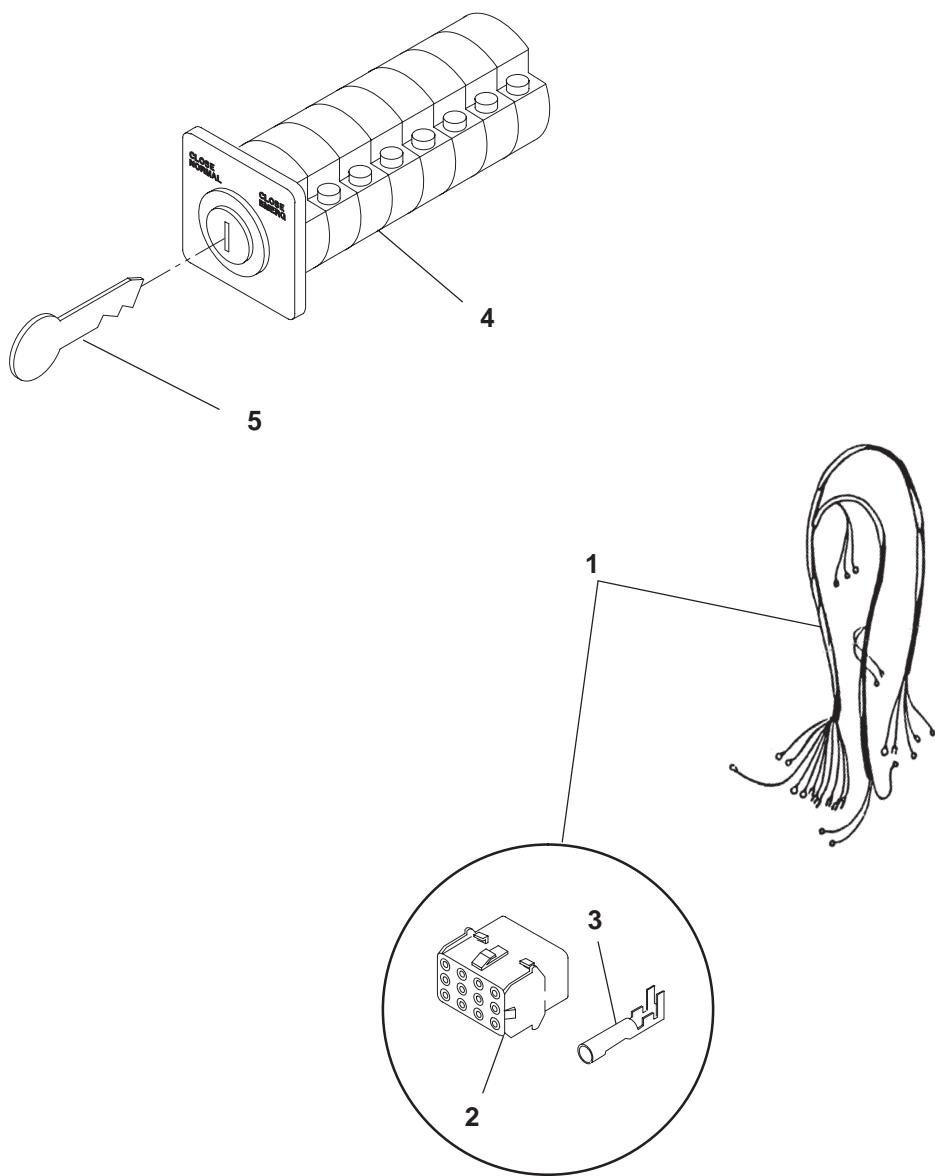
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-3632-01	1	Box, Control	15	895-0293-01	2	Gasket, Door
2	319-3634-01	1	Plate, Adapter	16	895-0293-02	2	Gasket, Door
3	319-3633-01	1	Plate, Adapter (Back)	17	319-3593-01	1	Pedestal, Mounting – Cabinet
4	800-0002	2	Screw, Cap – Hex Head (1/4-20 x .375)	18	332-2370	2	Standoff, Insulator
5	332-3514-02	4	Lug, Solderless	19	337-2317	1	Bar, Neutral
6			Screw, Hex Washer Head – Thread Forming (1/4-20 x .375)	20	851-0027	4	Washer, Spring (1/4)
	815-0389	1	30 – 60 Amp	21	800-0005	2	Screw, Cap – Hex Head (1/4-20 x .750)
	815-0389	5	100 – 150 Amp	22	800-0007	1	Screw, Cap – Hex Head (1/4-20 x 1.00)
7	870-0212	21	Nut, Locking (1/4-20)	23	862-0001	1	Nut, Hex (1/4-20)
8	517-0266	4	Plug, Hole	24	319-3619-01	1	Panel, Front – Pedestal
9	870-0320	5	Nut, Locking (#10-32)	25	815-0538	6	Screw, Machine – Round Head – W/IT (#8-32 x .50)
10	508-0233	5	Washer, Rubber	26	815-0901-06	2	Screw, Cross Recessed – Thread Cutting (#6-32 x .625)
11	319-3589-01	1	Door, Control	27	332-3515	1	Marker, Strip
12	406-0613	1	Handle, Keyed	28	332-1045	1	Jumper, Terminal Board
13	406-0649	1	Key, Replacement				
14	306-3525	1	Latch, Cam (3 Point)				

2 to 3 Wire Convertor



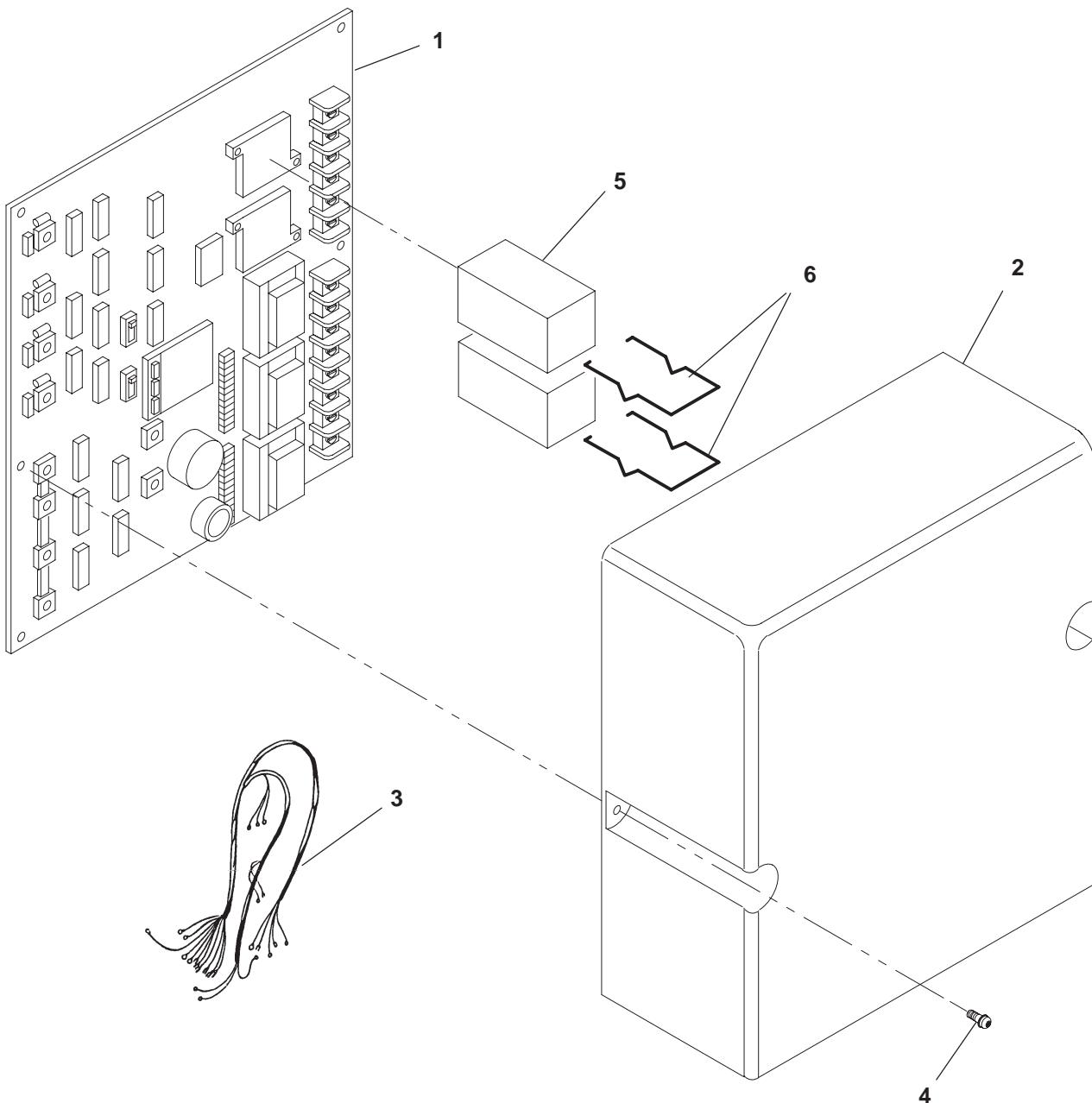
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	300-3167	1	Kit, 2 to 3 Wire Convertor	8	332-2842-11	2	Tag, Terminal (1-10)
	300-4054	1	Board, Printed Circuit – 2 to 3 Wire Convertor	9	815-0899	4	Screw, Pan Head – Cross Recessed W/ET (#6-32 x 1.00)
2	319-1502	1	Cover, Start – 3 Wire (Includes Label)	10	870-0221	2	Nut, Lock W/ET (#8-32)
3	338-2142	1	Harness, Wiring – 3 Wire Start	11	323-1468	1	Pin and Ribbon Assembly
4	332-2837-09	1	Rail, Terminal	12	332-0942	12	Tie, Cable
5	332-2836-02	1	Block, Terminal – Sectional	13	098-5710	1	Label, Block – Terminal
6	332-2839	2	Bracket, End – Terminal	14	812-0077	2	Screw, Machine – Round Head (#8-32 x 3/8)
7	332-2841	1	Plate, End – Terminal				

Manual Override Switch



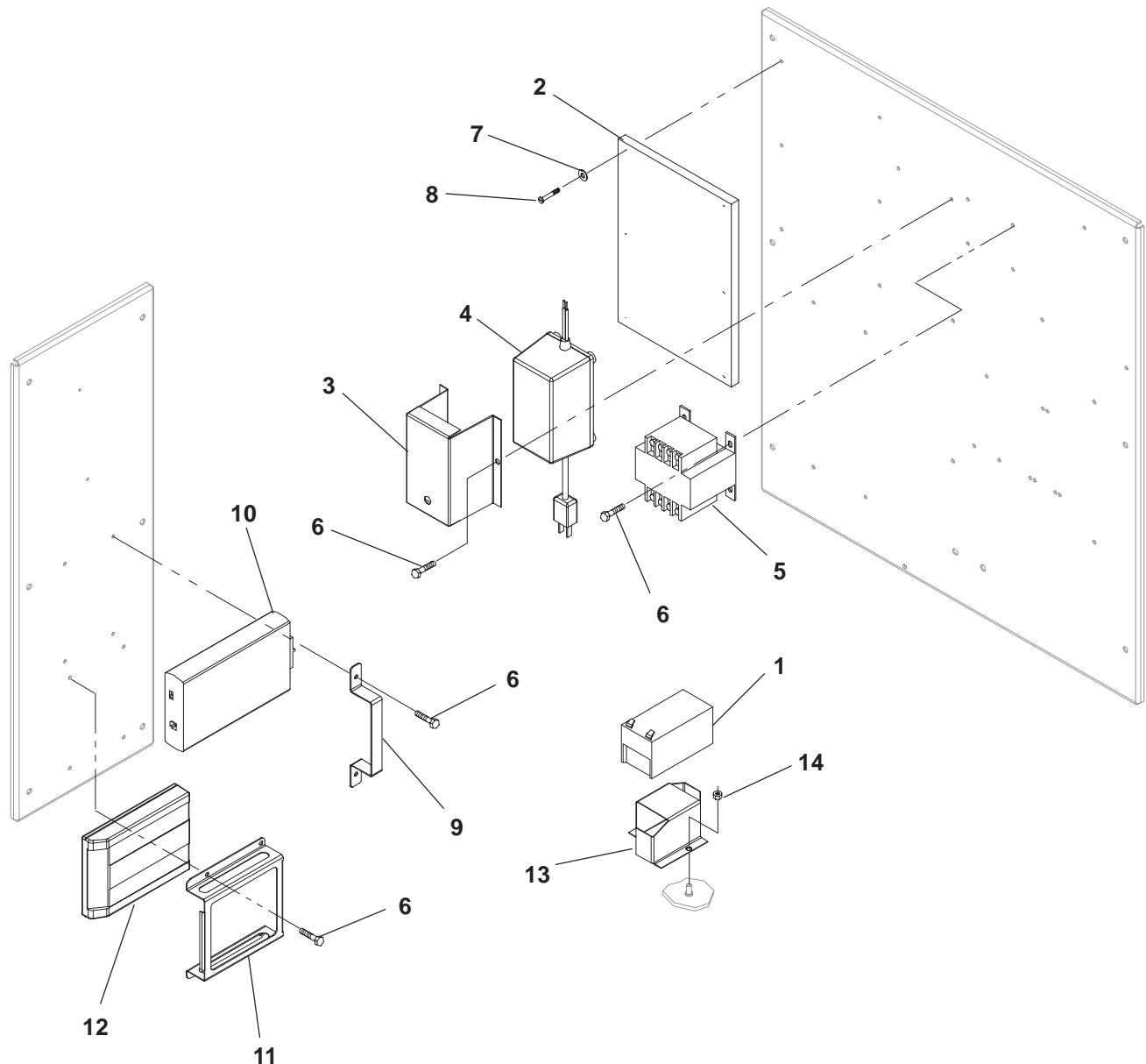
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	338-3448	1	Harness, Control (Includes Cap and Sockets)	3	323-1200	9	Socket, Contact
2	323-1315	1	Cap, Connector (12 Place)	4	308-1070	1	Switch, Selector
				5	308-1078	1	Key, Replacement (fits item 4)

Control



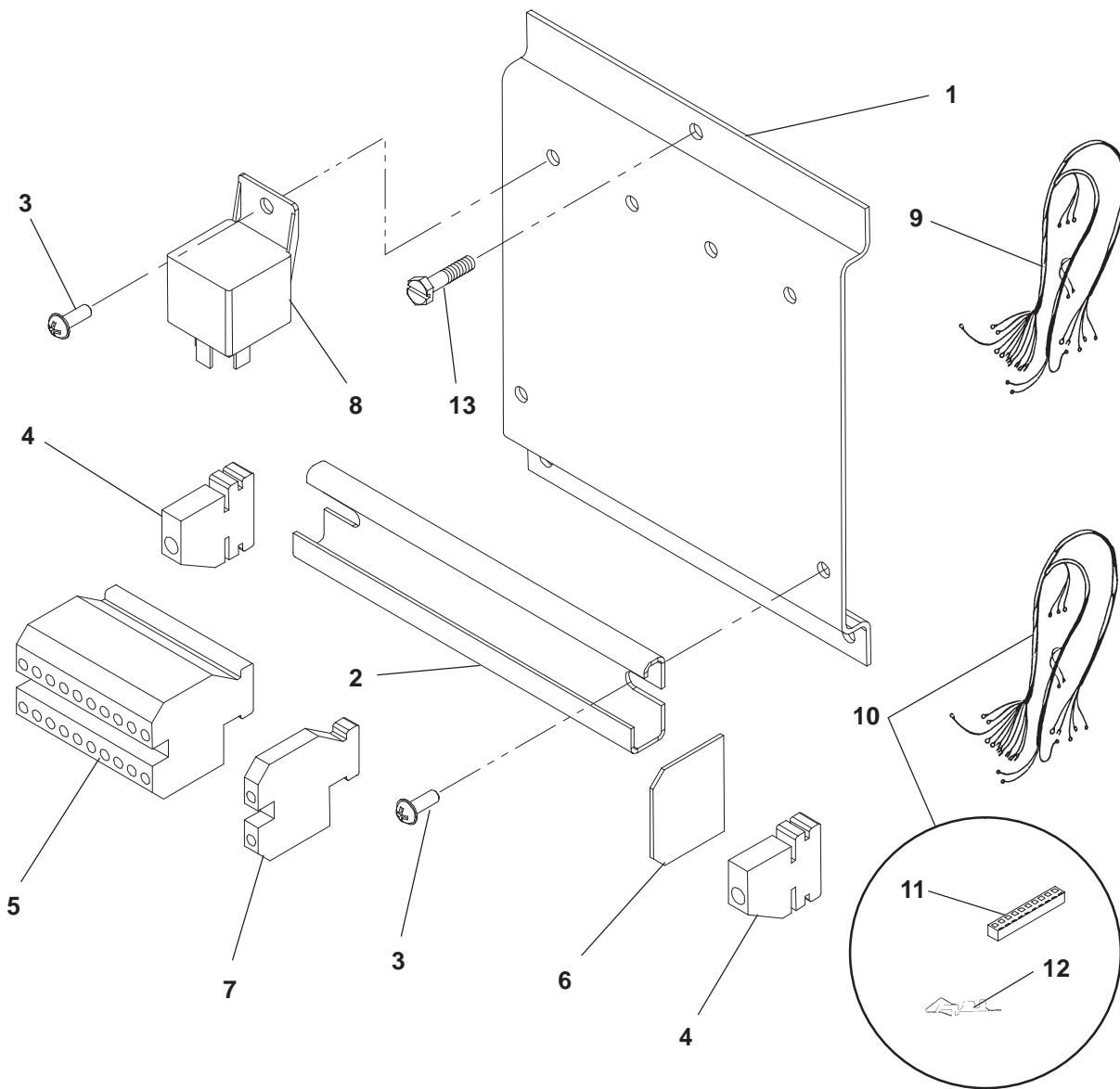
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			PCB, Control Control Package A (C021)	2	306-4309	1	Cover, Control Black Finish – Without Holes
300-4754-01	1	1	208-480 Volt	3	319-3594	1	Clear Finish – With Holes
300-4754-02	1	1	120 Volt				Harness, Control
300-4754-03	1	1	600 Volt		338-3581	1	With Manual Override
			Control Package B (C022)		338-3349	1	W/O Manual Override
300-4750-01	1	1	208-480 Volt	4	815-0902	2	Screw, Machine – Round Head – Cross Recessed – W/ET (#6-32 x .375)
300-4750-02	1	1	120 Volt	5	307-1058-01	2	Relay – 12 VDC (K1, K2)
300-4750-03	1	1	600 Volt	6	307-1157	2	Spring, Holddown

Controls Communication Module



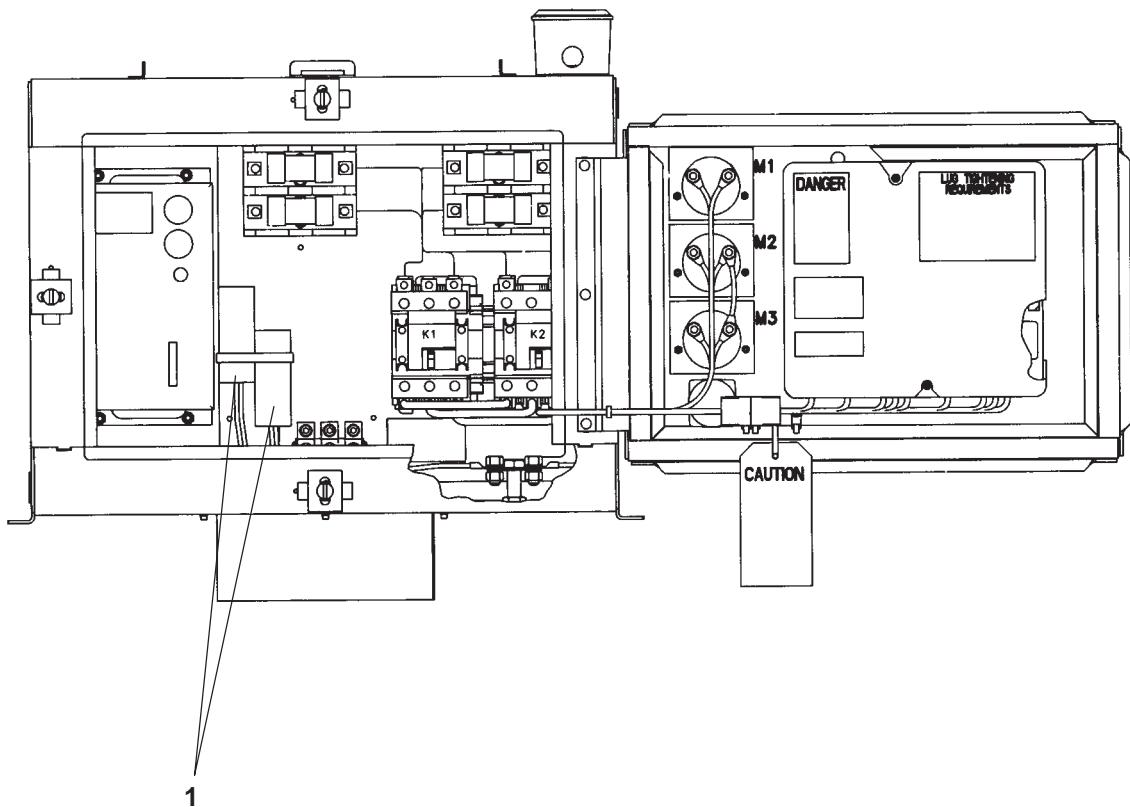
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	416-1032-01	1	Battery, Lead – Acid	8	815-0905-08	6	Screw, Cross Recessed – Thread Forming (#10-32 x .875)
2	300-4605	1	Module, Controls Communication	9	319-2738-01	2	Bracket, Mounting – Network Gateway Module
3	319-2963	1	Cover, Battery Charger	10	300-4718-02	1	Gateway
4	300-4865	1	Charger, Battery	11	319-3161	1	Bracket, Modem
5	315-0621-01	1	Transformer – Battery Charger	12	300-5167	1	Modem, External
6	815-0194	14	Screw, Hex Head – Thread Forming (#10-32 x .375)	13	319-2962	1	Cover, Battery
7	526-0008	6	Washer, Flat (1/2")	14	870-1221	2	Nut, Hex – W/ET (#8-32)

Relay



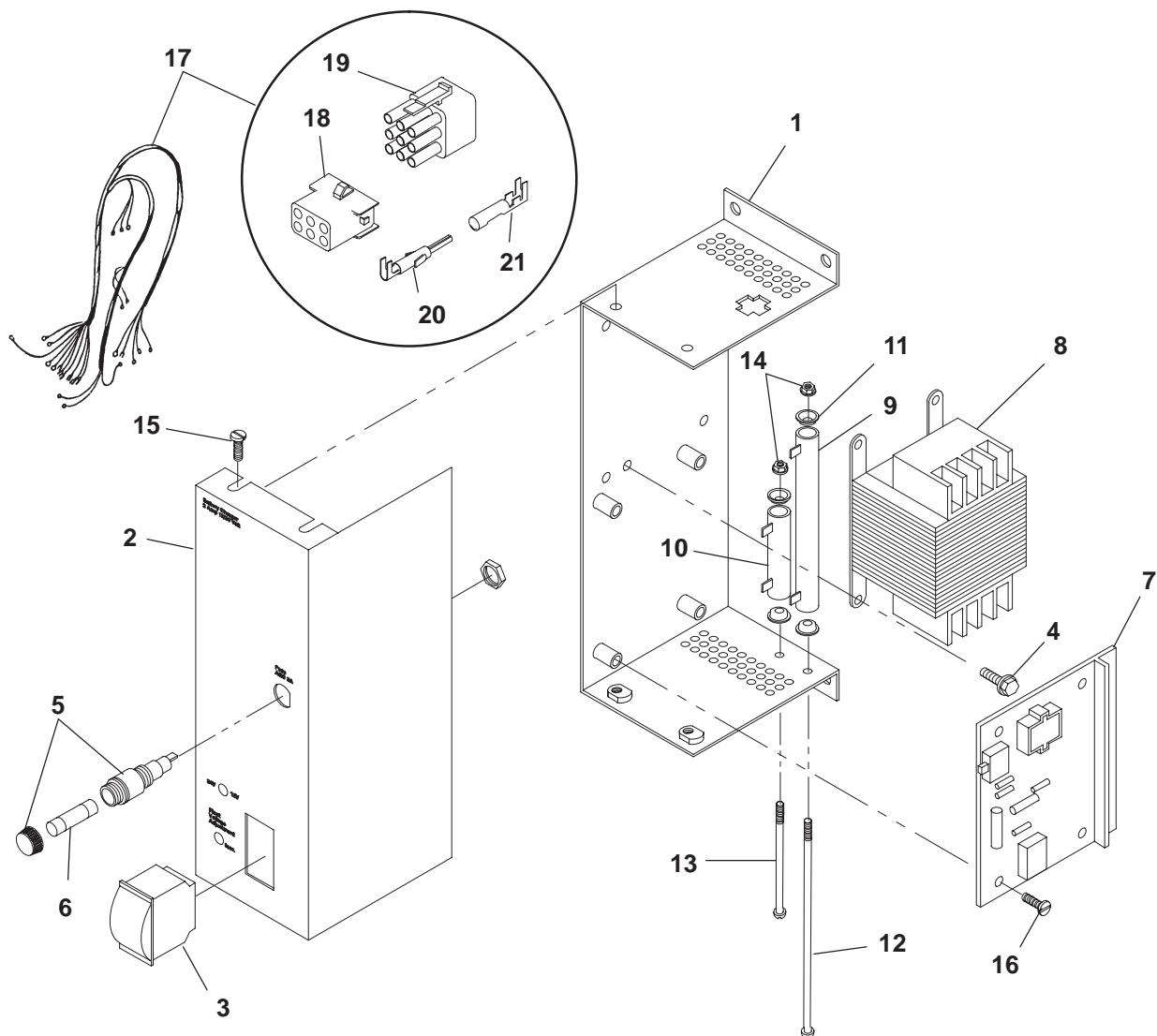
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-3478-02	1	Plate, Relay Mounting	8	307-1886	4	Relay (K11-K14)
2	332-2837-10	1	Rail, Terminal	9	338-3788	1	Harness, Wiring – Alarm
3	815-0446	6	Screw, Round Head – Thread Forming – W/IT (#8-32 x 1/2")	338-3726	1	Telecom	
4	332-2839	2	Bracket, End – Terminal	10	338-3725	1	TGHAA, TGHAB
5	332-2836-02	1	Block, Terminal – Sectional (10 Pole Block)	11	323-1374-10	1	Harness, Wiring – Main (Includes Connector and Pins) TGHAA, TGHAB
6	332-2841	1	Endplate, Terminal	12	323-1302	6	Housing, Connector (10 Pin (J2))
7			Block, Terminal – Sectional (Single Pole)	13	815-0194	3	Pin, Contact (J2)
	332-2836-01	7	Telecom				Screw, Hex Head – Thread Forming (#10-32 x .375)
	332-2836-01	5	TGHAA, TGHAB				

**Current Transformer
TGHAA, TGHAB Spec C**



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	302-1805-01 302-1678		Transformer, Current 30 Amp 60 Amp				

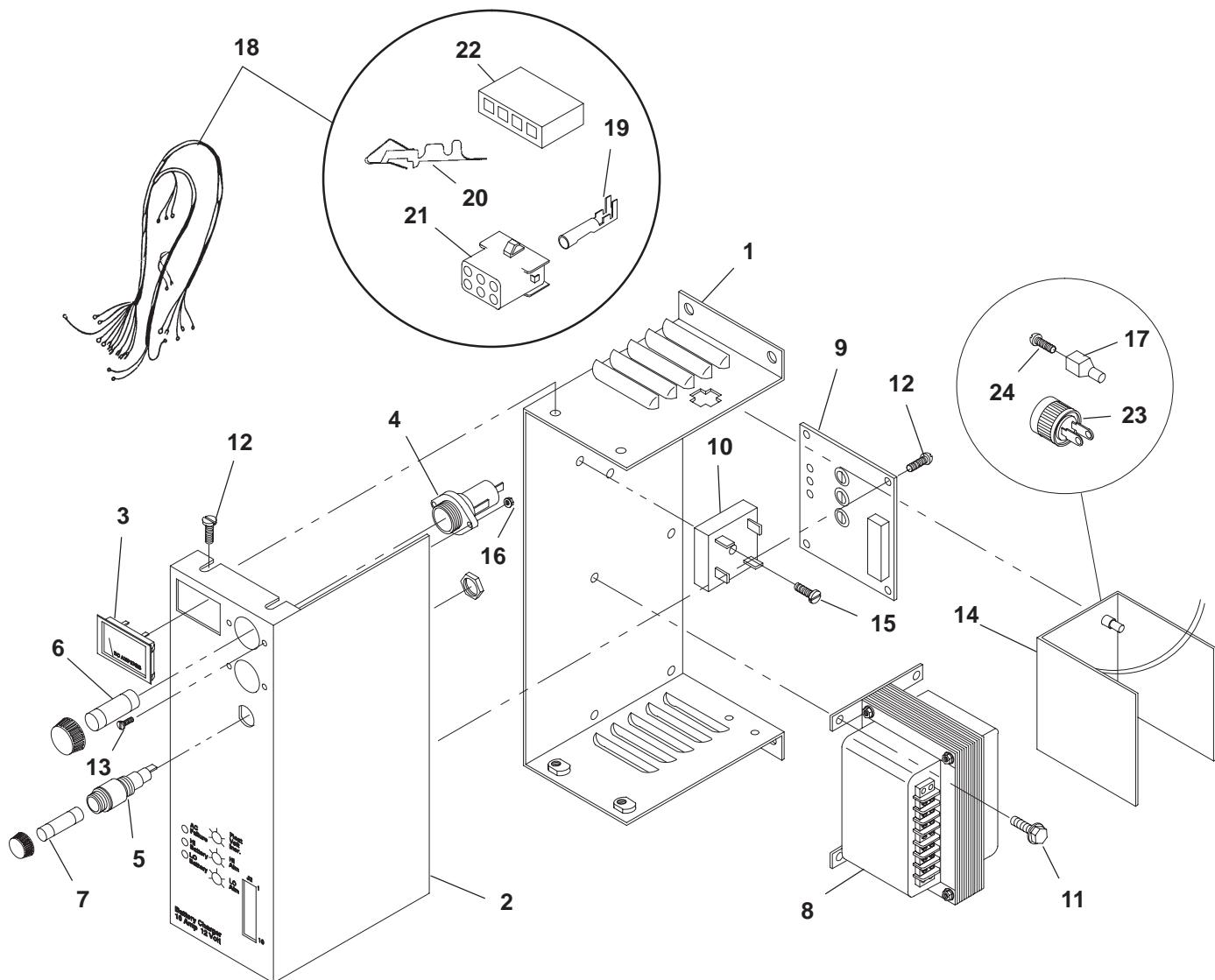
**Battery Charger
2 Amp, 12/24 Volt**



**Battery Charger
2 Amp, 12/24 Volt**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Kit – 2 Amp, 12/24 Volt Battery Charger	9	304-0037	1	Resistor, Fixed
			120 Volt	10	304-0139	1	Resistor, Fixed
300-3507	1		208 Volt	11	304-0015	4	Washer, Centering (7/32")
300-3508	1		240 Volt	12	813-0116	1	Screw, Machine – Round Head (#10-32 x 6-1/2)
300-3509	1		347 Volt	13	813-0112	1	Screw, Machine – Round Head (#10-32 x 2-1/2)
300-3510	1		380 Volt	14	870-0131	2	Nut, Hex – W/ET (#10-32)
300-3511	1		416 Volt	15	815-0550	4	Screw, Pan Head – W/ET (#6-32 x 3/8)
300-3512	1		480 Volt	16	815-0549	4	Screw, Pan Head – W/ET (#6-32 x 1/4)
300-3513	1		600 Volt	17	338-2149	1	Harness, Charger – Battery (Includes Parts Marked #)
300-3514	1			18	323-1318	1	# Cap, 6 pin
1 301-9990	1		Wrapper, Charger – Battery	19	323-1291	1	# Plug, 9 pin
2 301-9991	1		Cover, Charger – Battery	20	323-1199	A/R	# Pin, Terminal
3 302-0807	1		Ammeter, DC	21	323-1200	A/R	# Socket, Terminal
4 821-0040	4		Screw, Machine – Locking Head Slotted (#10-32 x 5/16)				# – Parts Included in 338-2149 Wiring Harness
5 321-0175	1		Holder, Fuse				
6 321-0153	1		Fuse, 3 Amp				
7 300-2946	1		PCB, Charger – Battery				
8			Transformer				
			120 Volt				
			208/240/480 Volt				
			347/380/416 Volt				
			600 Volt				

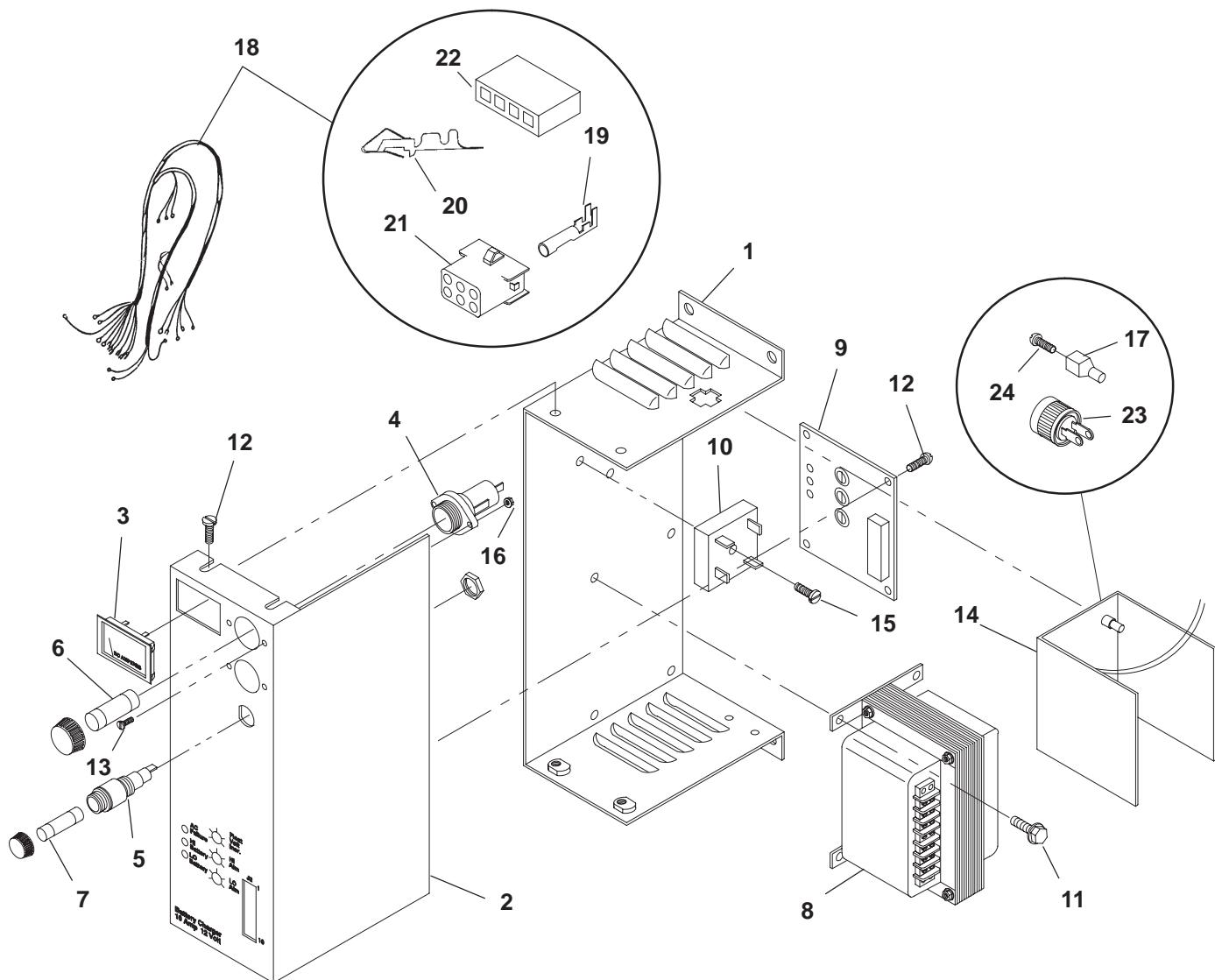
**Battery Charger
10 Amp, 12 Volt**



**Battery Charger
10 Amp, 12 Volt**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Kit – 10 Amp, 12 Volt Battery Charger	8			Transformer 50 Hertz
			50 Hertz		315-0702	1	200/380/400 Volt
300-3521	1	1	200 Volt		315-0704	1	220/416/440 Volt
300-3522	1	1	220 Volt		315-0712	1	240 Volt
300-3523	1	1	240 Volt		315-0714	1	347 Volt
300-3524	1	1	347 Volt				60 Hertz
300-3525	1	1	380 Volt		315-0700	1	120/208/240 Volt
300-3526	1	1	400 Volt		315-0706	1	380 Volt
300-3527	1	1	416 Volt		315-0708	1	480 Volt
300-3528	1	1	440 Volt		315-0710	1	600 Volt
			60 Hertz	9	300-3160	1	PCB, Charger – Battery
300-3515	1	1	120 Volt	10	305-0653	1	Rectifier, Bridge
300-3516	1	1	208 Volt	11	821-0040	4	Screw, Machine – Locking Head (#10-32 x 5/16)
300-3517	1	1	240 Volt	12	815-0550	8	Screw, Pan Head – W/ET (#6-32 x 3/8)
300-3518	1	1	380 Volt	13	822-2048	5	Screw, Pan Head – W/ET (#8-32 x 1/2)
300-3519	1	1	480 Volt	14	305-0781	1	Rectifier Assembly – SCR (12 Volt) (Includes Parts Marked *)
300-3520	1	1	600 Volt	15	822-2049	1	Screw, Pan Head – W/ET (#8-32 x 5/8)
1 319-0072	1	1	Wrapper, Charger – Battery	16	870-0221	5	Nut, Hex – W/ET (#8-32)
2 319-0195-12	1	1	Cover, Charger – Battery (Includes Silkscreen)	17	870-0263	4	*Nut, Insulated (#8)
3 302-1844	1	1	Ammeter, DC	18	338-2223	1	Harness, Battery Charger (Includes Parts Marked #)
4 321-0237	2	2	Holder, Fuse (AC Input)	19	323-1200	A/R	#Socket, Terminal
5 321-0104	1	1	Holder, Fuse (DC Output)	20	323-1302	A/R	#Pin, Terminal
6			Fuse	21	323-1318	1	#Cap, 6 pin
			50 Hertz	22	323-1374-05	1	#Plug, 5 pin
321-0304-01	2	2	416/440 Volt	23	364-0003	1	*Rectifier, Gate (SCR)
321-0304-02	2	2	347/380/400 Volt	24	809-0035	4	*Screw, Sheet Metal – Round Head (#8 x 3/4)
321-0304-03	2	2	240 Volt				# – Parts Included in 338-2223 Wiring Harness
321-0304-04	2	2	200/220 Volt				* – Parts Included in 305-0781 Rectifier Assembly
			60 Hertz				
321-0304-01	2	2	480 Volt				
321-0304-02	2	2	380 Volt				
321-0304-03	2	2	240 Volt				
321-0304-04	2	2	208 Volt				
321-0304-05	2	2	120 Volt				
321-0236	2	2	600 Volt				
7 321-0127	1	1	Fuse (15 Amp)				

**Battery Charger
10 Amp, 24 Volt**



**Battery Charger
10 Amp, 24 Volt**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Kit – 10 Amp, 24 Volt Battery Charger	8			Transformer
			50 Hertz		315-0703	1	50 Hertz
	300-3535	1	200 Volt		315-0705	1	200/380/400 Volt
	300-3536	1	220 Volt		315-0713	1	220/416/440 Volt
	300-3537	1	240 Volt		315-0715	1	240 Volt
	300-3538	1	347 Volt				347 Volt
	300-3539	1	380 Volt		315-0701	1	60 Hertz
	300-3540	1	400 Volt		315-0707	1	120/208/240 Volt
	300-3541	1	416 Volt		315-0709	1	380 Volt
	300-3542	1	440 Volt		315-0711	1	480 Volt
			60 Hertz	9	300-3244	1	600 Volt
	300-3529	1	120 Volt	10	305-0653	1	PCB, Charger – Battery
	300-3530	1	208 Volt	11	821-0040	4	Rectifier, Bridge
	300-3531	1	240 Volt				Screw, Machine – Locking Head
	300-3532	1	380 Volt	12	815-0550	8	(#10-32 x 5/16)
	300-3533	1	480 Volt				Screw, Pan Head – W/ET
	300-3534	1	600 Volt	13	822-2048	5	(#6-32 x 3/8)
1	319-0072	1	Wrapper, Charger – Battery				Screw, Pan Head – W/ET
2	319-0195-13	1	Cover, Charger – Battery (Includes Silkscreen)	14	305-0781	1	(#8-32 x 1/2)
3	302-1844	1	Ammeter, DC				Rectifier Assembly – SCR
4	321-0237	2	Holder, Fuse (AC Input)	15	822-2049	1	(12 Volt) (Includes Parts
5	321-0104	1	Holder, Fuse (DC Output)				Marked *)
6			Fuse	16	870-0221	5	Screw, Pan Head – W/ET (#8-32)
			50 Hertz	17	870-0263	4	*Nut, Insulated (#8)
	321-0304-04	2	416/440 Volt	18	338-2223	1	Harness, Battery Charger
	321-0304-04	2	347/380/400 Volt				(Includes Parts Marked #)
	321-0304-05	2	240 Volt	19	323-1200	A/R	#Socket, Terminal
	321-0304-06	2	200/220 Volt	20	323-1302	A/R	#Pin, Terminal
			60 Hertz	21	323-1318	1	#Cap, 6 pin
	321-0304-03	2	480 Volt	22	323-1374-05	1	#Plug, 5 pin
	321-0304-04	2	380 Volt	23	364-0003	1	*Rectifier, Gate (SCR)
	321-0304-05	2	240 Volt	24	809-0035	4	*Screw, Sheet Metal – Round
	321-0304-06	2	208 Volt				Head (#8 x 3/4)
	321-0304-06	2	120 Volt				# – Parts Included in 338-2223 Wiring Harness
	321-0303-01	2	600 Volt				* – Parts Included in 305-0781 Rectifier Assembly
7	321-0127	1	Fuse (15 Amp)				

Numerical Index

<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>
098-5387, 11		300-3535, 29		306-4273-06, 9		306-4285-04, 9	
098-5710, 18		300-3536, 29		306-4273-07, 9		306-4285-05, 9	
098-5777-01, 11		300-3537, 29		306-4273-08, 9		306-4285-06, 9	
098-6118, 11		300-3538, 29		306-4273-09, 9		306-4286-01, 9	
098-6367, 11		300-3539, 29		306-4274-01, 9		306-4286-03, 9	
098-6635, 11		300-3540, 29		306-4274-02, 9		306-4286-04, 9	
098-7172, 11		300-3541, 29		306-4274-03, 9		306-4286-05, 9	
226-4786-01, 15		300-3542, 29		306-4274-04, 9		306-4286-06, 9	
226-4786-02, 15		300-4054, 18		306-4274-05, 9		306-4290-01, 7	
226-4786-03, 15		300-4605, 21		306-4274-06, 9		306-4290-02, 7	
226-4786-04, 15		300-4718-02, 21		306-4274-07, 9		306-4309, 20	
300-2946, 25		300-4750-01, 20		306-4274-08, 9		306-4311-01, 5	
300-3160, 27		300-4750-02, 20		306-4274-09, 9		306-4311-02, 5	
300-3167, 18		300-4750-03, 20		306-4277-01, 5		306-4311-03, 5	
300-3244, 29		300-4754-01, 20		306-4277-02, 5		306-4311-04, 5	
300-3507, 25		300-4754-02, 20		306-4277-03, 5		306-4311-05, 5	
300-3508, 25		300-4754-03, 20		306-4277-04, 5		306-4311-06, 5	
300-3509, 25		300-4809, 11, 15		306-4277-05, 5		306-4311-07, 5	
300-3510, 25		300-4865, 21		306-4277-06, 5		306-4311-08, 5	
300-3511, 25		300-4965-01, 7		306-4277-07, 5		306-4311-09, 5	
300-3512, 25		300-4965-02, 7		306-4277-08, 5		306-4312-01, 9	
300-3513, 25		300-5167, 21		306-4277-09, 5		306-4312-02, 9	
300-3514, 25		301-6727, 13, 15		306-4278-01, 5		306-4313-01, 7	
300-3515, 27		301-9990, 25		306-4278-02, 5		306-4313-03, 7	
300-3516, 27		301-9991, 25		306-4278-03, 5		306-4313-04, 7	
300-3517, 27		302-0807, 25		306-4278-04, 5		306-4313-05, 7	
300-3518, 27		302-1175, 15		306-4278-05, 5		306-4313-06, 7	
300-3519, 27		302-1678, 15, 23		306-4278-06, 5		306-4313-07, 7	
300-3520, 27		302-1692, 15		306-4278-07, 5		306-4313-08, 7	
300-3521, 27		302-1805-01, 15, 23		306-4278-08, 5		306-4313-09, 7	
300-3522, 27		302-1844, 27, 29		306-4278-09, 5		306-4313-10, 7	
300-3523, 27		304-0015, 25		306-4279, 5		306-4313-11, 7	
300-3524, 27		304-0037, 25		306-4281, 7		306-4313-12, 7	
300-3525, 27		304-0139, 25		306-4283-01, 9		306-4313-13, 7	
300-3526, 27		305-0653, 27, 29		306-4283-02, 9		306-4313-14, 7	
300-3527, 27		305-0781, 27, 29		306-4284-02, 5, 9		306-4313-15, 7	
300-3528, 27		306-3464, 15		306-4284-03, 9		306-4313-16, 7	
300-3529, 29		306-3525, 17		306-4284-04, 9		306-4314-01, 7	
300-3530, 29		306-4273-01, 9		306-4284-05, 9		306-4314-03, 7	
300-3531, 29		306-4273-02, 9		306-4284-07, 9		306-4314-04, 7	
300-3532, 29		306-4273-03, 9		306-4284-08, 9		306-4314-05, 7	
300-3533, 29		306-4273-04, 9		306-4285-01, 9		306-4314-06, 7	
300-3534, 29		306-4273-05, 9		306-4285-03, 9		306-4314-08, 7	

Numerical Index

<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>
306-4314-09, 7		306-4325-08, 5		315-0707, 29		319-3658-02, 15	
306-4314-10, 7		306-4325-09, 5		315-0708, 27		321-0104, 27, 29	
306-4314-11, 7		306-4326-01, 5		315-0709, 29		321-0127, 27, 29	
306-4314-12, 7		306-4326-02, 5		315-0710, 27		321-0153, 25	
306-4314-13, 7		306-4326-03, 5		315-0711, 29		321-0175, 25	
306-4314-14, 7		306-4326-04, 5		315-0712, 27		321-0236, 27	
306-4314-15, 7		306-4326-05, 5		315-0713, 29		321-0237, 27, 29	
306-4314-16, 7		306-4326-06, 5		315-0714, 27		321-0303-01, 29	
306-4317-01, 7		306-4326-07, 5		315-0715, 29		321-0304-01, 27	
306-4317-03, 7		306-4326-08, 5		315-0787-01, 11		321-0304-02, 27	
306-4317-04, 7		306-4326-09, 5		315-0789-01, 11		321-0304-03, 27, 29	
306-4317-05, 7		306-4327, 5		319-0072, 27, 29		321-0304-04, 27, 29	
306-4317-06, 7		306-4329, 5		319-0195-12, 27		321-0304-05, 27, 29	
306-4318-01, 7		306-4330, 5		319-0195-13, 29		321-0304-06, 29	
306-4318-02, 7		306-4331, 5		319-1502, 18		321-0355-01, 13, 15	
306-4318-03, 7		306-4335-01, 5		319-2730, 11		321-0355-03, 13, 15	
306-4318-04, 7		306-4335-02, 5		319-2738-01, 21		321-0356-02, 13, 15	
306-4318-05, 7		306-4335-03, 5		319-2790, 11		321-0356-04, 13, 15	
306-4318-06, 7		306-4335-04, 5		319-2792, 11		321-0366, 15	
306-4318-07, 7		306-4335-05, 5		319-2794, 11		323-1199, 15, 25	
306-4318-09, 7		306-4335-06, 5		319-2962, 21		323-1200, 15, 19, 25, 27, 29	
306-4318-10, 7		306-4335-11, 5		319-2963, 21		323-1291, 25	
306-4319-01, 7		306-4335-12, 5		319-3085, 13		323-1302, 15, 22, 27, 29	
306-4319-03, 7		306-4335-13, 5		319-3089, 13		323-1314, 15	
306-4319-04, 7		306-4335-14, 5		319-3089-01, 15		323-1315, 15, 19	
306-4319-05, 7		306-4335-15, 5		319-3092, 13		323-1317, 15	
306-4319-06, 7		306-4335-16, 5		319-3093, 13, 15		323-1318, 25, 27, 29	
306-4320-01, 7		307-1058-01, 20		319-3161, 21		323-1374-04, 15	
306-4320-02, 7		307-1157, 20		319-3173, 13		323-1374-05, 27, 29	
306-4320-03, 7		307-1886, 22		319-3458-03, 15		323-1374-10, 15, 22	
306-4320-04, 7		308-1070, 19		319-3458-04, 15		323-1468, 18	
306-4320-05, 7		308-1078, 19		319-3478-02, 22		323-1492, 15	
306-4320-06, 7		315-0621-01, 21, 25		319-3587, 15		323-1541, 13, 15	
306-4320-07, 7		315-0621-02, 25		319-3588, 15		323-1543, 13, 15	
306-4320-09, 7		315-0621-03, 25		319-3589-01, 17		330-0147-01, 13, 15	
306-4320-10, 7		315-0621-04, 25		319-3590-02, 15		330-0148, 13, 15	
306-4325-01, 5		315-0700, 27		319-3593-01, 17		331-0558, 13	
306-4325-02, 5		315-0701, 29		319-3594, 20		331-0559, 13, 15	
306-4325-03, 5		315-0702, 27		319-3609-02, 15		331-0588, 15	
306-4325-04, 5		315-0703, 29		319-3619-01, 17		332-0142, 11	
306-4325-05, 5		315-0704, 27		319-3632-01, 17		332-0941, 13	
306-4325-06, 5		315-0705, 29		319-3633-01, 17		332-0942, 13, 18	
306-4325-07, 5		315-0706, 27		319-3634-01, 17		332-1045, 17	

Numerical Index

<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>	<u>Part No.</u>	<u>Page</u>
332-2370, 11, 15, 17		338-3349, 20		508-0233, 13, 15, 17		815-0899, 18	
332-2420, 13		338-3447, 9		508-1045, 11		815-0901-06, 17	
332-2431, 15		338-3448, 19		509-0180, 13		815-0902, 13, 20	
332-2463, 9		338-3566, 13		509-0346, 15		815-0903-03, 11	
332-2836-01, 22		338-3567, 13, 15		517-0133, 11		815-0905-08, 21	
332-2836-02, 18, 22		338-3581, 20		517-0137, 11		818-0217-01, 11	
332-2837-09, 18		338-3584, 9		517-0266, 13, 15, 17		821-0040, 25, 27, 29	
332-2837-10, 22		338-3585, 9		526-0008, 21		822-2048, 27, 29	
332-2839, 18, 22		338-3590, 9		526-0018, 15		822-2049, 27, 29	
332-2841, 18, 22		338-3655, 5		526-0022, 13, 15		850-0040, 15	
332-2842-11, 18		338-3656, 5		800-0002, 11, 15, 17		851-0027, 11, 15, 17	
332-2877, 13		338-3657, 5		800-0005, 11, 17		851-0028, 9	
332-3492-01, 9, 11		338-3658, 5		800-0007, 11, 15, 17		862-0001, 11, 15, 17	
332-3510, 13		338-3659, 13		800-0028, 9		862-0015, 9	
332-3514-01, 9, 11, 15		338-3725, 22		809-0035, 27, 29		870-0131, 13, 15, 25	
332-3514-02, 17		338-3726, 22		812-0077, 18		870-0212, 17	
332-3515, 17		338-3788, 22		812-0177, 13, 15		870-0221, 18, 27, 29	
337-2317, 11, 15, 17		338-3789, 15		813-0112, 25		870-0263, 27, 29	
337-2960-01, 9		364-0003, 27, 29		813-0116, 25		870-0320, 17	
337-2960-02, 9		406-0089, 11		815-0194, 5, 9, 13, 21, 22		870-0386, 15	
337-2961-01, 9		406-0519, 13, 15		815-0389, 13, 15, 17		870-0439, 15	
337-2961-02, 9		406-0565, 11		815-0398, 11		870-1221, 21	
338-2142, 18		406-0613, 17		815-0446, 22		895-0293-01, 17	
338-2149, 25		406-0649, 17		815-0538, 17		895-0293-02, 17	
338-2223, 27, 29		406-0809, 11		815-0549, 25		895-0376-01, 13, 15	
338-3321, 9		406-0810, 11		815-0550, 25, 27, 29		895-0376-02, 13, 15	
338-3341, 9		416-1032-01, 21		815-0652, 9, 13, 15		898-1195-08, 13, 15	



Onan Corporation
1400 73rd Avenue N.E.
Minneapolis, MN 55432
612-574-5000
Telex: 275477
Fax: 612-574-8087

Onan is a registered trademark of Onan Corporation
Cummins is a registered trademark of Cummins Engine Company